Tosdal, Orlando S, NavRep ComStrikFor South Joint Comd & Operations Cen, Izmir, Turkey.
Delong, Phillip C, CINCSouth.
Bribourg, Leonard E, MCRD PI SC.
Grady, Thomas T, 3d Mar Div.
Kicklighter, Edward C, CINCEur.
Lang, Frank C, CINCEur.
Lownds, David E, 2d Inf Bn, USMCR, Boston.

To MCS, Quant

Brandon, William E, Louisville, Ky.
Armitage, Gerard T, HqMC.
Wortman, Harry D, HqMC.

To 1st MAW

Kirkpatrick, Floyd C, 1st Mar Div.
Hays, John E, Stf Strik For South.

From MCS, Quant:

Hearn, Alexander — Johnson, Richard W
Staples, Murray M — Burnam, Thomas J

To 2d MAW

Hay, Hardy, CincEur.

From MCS, Quant:

Wood, Thomas B — Noel, Paul A, jr

To 3d MAW

Ahee, David, 2d MAW.
Hood, John A, Air FMFLant.
Lantz, Harold L, Yuma, Ariz.
Wiley, David E, MCS, Quant.
Rathburn, Robert L, MCS, Quant.

MAJOR

Balzer, George T, ForTrps FMFLant, to Nav Ord Missile Test Facility, White Sands Missile Range, Las Cruces.
Blake, Francis E, AFSC, NorVa, to FMFLant.
Manley, Norbert C, jr, FMFLant, to MB NAND Seal Beach, Fallbrook Annex, Fallbrook, Calif.
Keyes, Edward B, jr, ForTrps FMFLant, to NROTC Unit, Univ of Wash, Seattle.
Mills, Neil B, 1st Mar Brig, to NROTC Unit, Ohio State Univ, Columbus.
Olson, Fredric O, Detroit, Mich, to ForTrps FMFLant.
Peterson, Richard F, Seattle, Wash, to FMF Lant.
Rainer, Mark A, jr, 1st Mar Div, to Univ of SoCalif.
Solze, Robert L, Notre Dame, Ind, to 4th MCRRD.
Tanzler, Warren G, LanForTraUPac, to MCRS, Cincinnati, O.
Wyatt, John R, jr, MCB CamLej, to Ord Tank-Automotive Comd, Detroit Arsenal, Center Line, Mich.
Young, Edwin M, Columbus, O, to ForTrps, FMFLant.
Ziegler, Paul E, CINCPac, to MCRS, Cleveland, O.
Zimmerman, Cullen C, Raleigh, NC, to MB NAVACTS, Rota, Spain.
Camporini, Edward E, Wash, DC, to Univ of Virginia, Charlottesville.
Christopher, Williard N, Ft Leavenworth, to Cp Smedley D Butler, Tengan, Okinawa.
Harris, Frank W, 3d, Philadelphia, to NROTC Unit, Georgia Institute of Technology, Atlanta.
Ludden, Charles H, Eglin AFB, Fla, to MCAS, CherPt.
Sigler, William M, jr, Ft Leavenworth, to 5th 105MM HowBn, USMCR, Dallas, Tex.
Valdez, Edmund, 3d Mar Div, to NROTC Unit, Iowa State Univ, Ames.
Wilkerson, Herbert L, CinCPacFlt, to NROTC Unit, Duke Univ, Durham, SC.
Barnard, John R, SDiego, to SRMarCor LnO, Litton Industries, Inc, Beverly Hills, Calif.
Dial, Oliver E, ComPhibRon 1, to MCRD S Diego.
Townsend, Jack E, Ft Bliss, to 1st 75MM AAA Bn usmcr, Freemansburg, Pa.

To MCS, Quant

From Hq MC:

Barrett, Roscoe L, jr — Leidy, Alfred L
Schwartz, Leo R — Seward, Robert F

To HqMC

Johnstone, John H, Ames, Iowa.
Clifton, William R, Monterey, Calif.
Sanders, Paul E, Ft Leavenworth.
Stribling, Joe B, ComPhibFor PacFlt.

To 2d Mar Div

Mample, Richard H, Ft Leavenworth.

From Hq MC:

Kane, Douglas T

To 3d Mar Div

McCutchan, Robert C, Npt, RI.
Pearce, Robert H, Atlanta, Ga.
McGlynn, Raymond J, Notre Dame, Ind.
Heidrick, John G, Galveston, Tex.

From Hq MC:

Burroughs, Charles R — Johnson, Robert T
Watcher, John A

USMC Retired Pay Increase

Here is the average increase in annual retired pay, by grade, proposed for members of the Marine Corps under the Retired Pay Recomputation Act of 1960 (HR 11318):

Rank	Number receiving increase (H. R. 11318)	Additional average annual increase
Comdt., MC	2	$3,125
Lt. Gen.	10	2,710
Maj. Gen.	43	2,028
Brig. Gen.	56	1,521
Col.	343	986
Lt. Col.	336	469
Maj.	432	57
Capt.	155	96
1st Lt.	147	84
2d Lt.	.....	.....
W-4	171	289
W-3	286	233
W-2	385	150
W-1	154	173
Total officers	2,520	.....
E-7	2,364	156
E-6	454	35
E-5	207	60
E-4	333	48
E-3	65	12
E-2	148	12
E-1	38	13
Total enlisted	3,609	.....
Grand total	6,129	.....

CAPTAIN

Brown, Vance E, 3d MAW, to MCAAS, Yuma, Ariz.
Pullen, George D, El Toro, to MB 8th & I St, SE, Wash, DC.
Ryan, Philip J, Oberammergau, Germany, to 3d MAW.
Tiede, Herbert R, Oberammergau, Germany, to Army Intel Cen, Ft Holabird.
Kruse, John E, 3d MAW, to MCAAS, Yuma, Ariz.
Drummond, Milton D, jr, LanForTraUPac, to NROTC Unit Rensselaer Polytechnic Institute, Troy, NY.
Justis, Eulas F, ComPhibRon 2, to LanFor TraULant.
Marciniak, Richard H, Ft Bliss, to 7th 75 MM AAA Btry USMCR, Pasadena.
Marfia, Samuel J, NorVa, to Cp Smedley D Butler, Tengan, Okinawa.
Ringler, Jack K, Monterey, Calif, to ALUSNA & ALUSNA for Air, Seoul, Korea.
Radabaugh, Harold V, 1st Mar Div, to USA Cml C Scol, Ft McClella.
Virali, Henry R, S Diego, to SR MarCor LnO, Litton Industries, Inc. Beverly Hills, Calif.

From MCS, Quant, to Station Indicated

Rockey, William K, Service Scol Comd, NTC Bain.
Gambardella, Joseph J N, NROTC Unit, Northwestern Univ, Evanston, Ill.
Mehargue, David G, 3d Amphib Tractor Co, USMCR, Galveston, Tex.
Swigart, Oral R, jr, 2d MAW.
Stine, Harold E, HqMC.

From 1st MAW, to Station Indicated

Havey, Robert J, jr, AirFMFLant.
Holstead, George N, 2d MAW.
Keiser, John G, 2d MAW.
Gagnon, Louis F, CNAVANTRA NAS, CorpC.
Williams, Martin J, CNAVANTRA NAS, CorpC.
Lewis, Harold E, MAD NABTC NAS, Pncla.

To MCS, Quant

Helm, William P, USS Thetis, Bay.
Kaasman, Bernard A, Trinidad, BWI.
Palmer, Thomas A, London, England.
Wilkinson, De Ronda A, HqMC.
Gentry, George H, jr, NTC BAIN.

—Continued on page 21

WASH 'n WEAR

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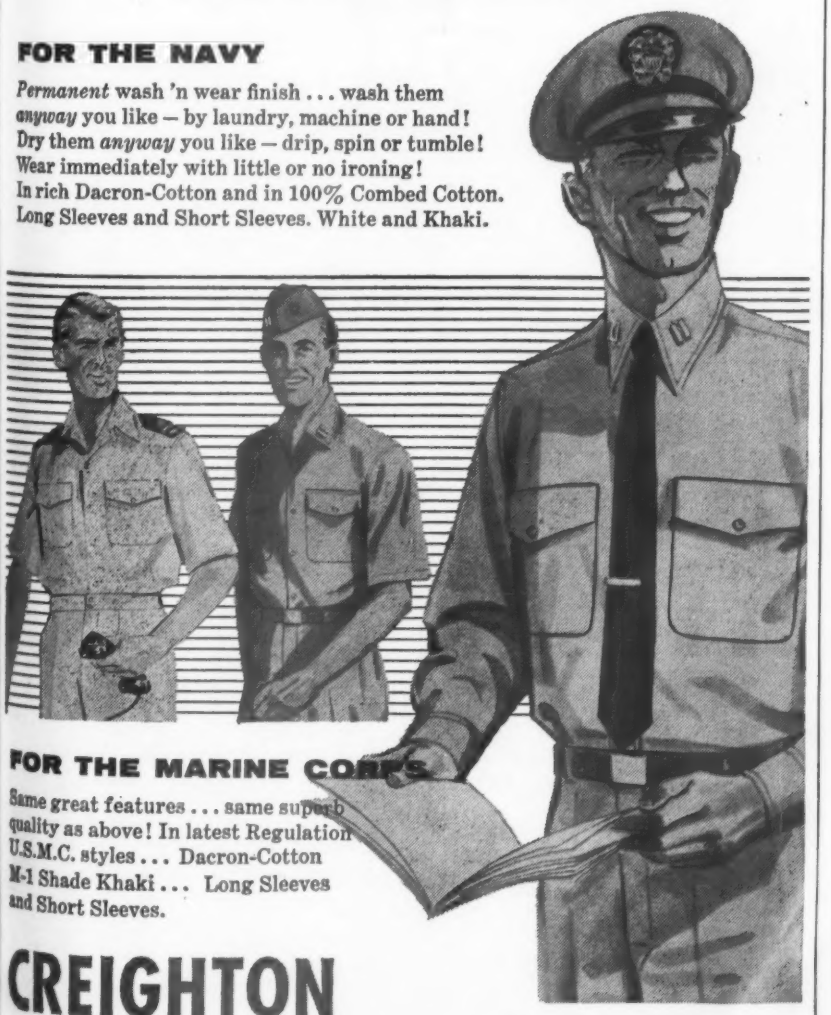

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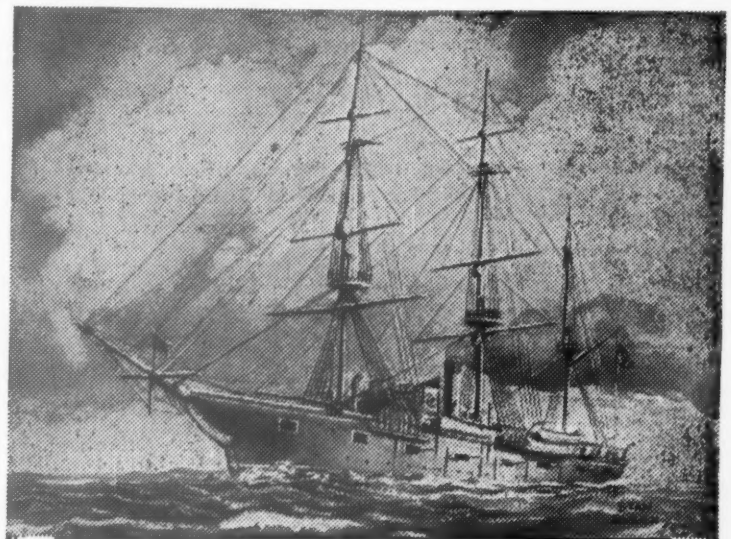

U.S.S. HARTFORD—Launched in 1858 the Hartford became the flagship of Admiral Farragut during the Civil War and was most famous for her action in the battle of Mobile Bay. Recommissioned after the war she served in Asia and the South Atlantic until 1879.

The NAVY MUTUAL AID ASSOCIATION was founded in 1879 under the auspices of the Secretary of the Navy for the purpose of providing with certainty and promptness a substantial sum (now **$9,500**) to aid the families of deceased members and to secure for them without cost the pensions and other government benefits to which they may be legally entitled.

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NAVY MUTUAL AID ASSOCIATION ORGANIZED JULY 25, 1879

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Key Officers Appointed In ARDC's New Command and Control Development Div.

Appointment of key officers and civilians in the newly established ARDC Air Force Command and Control Development Division at L. G. Hanscom Field, Bedford, Mass. have been announced by Maj. Gen. Kenneth P. Bergquist, Commander.

Maj. Gen. Bergquist

AFCCDD was activated recently from elements of the Air Force Cambridge Research Center and the Air Defense Systems Integration Division. Activation of AFCCDD is part of an ARDC-wide reorganization.

The Air Force Command and Control Development Division is primarily responsible for developing systems for controlling aerospace weapons and for providing adequate warning, communication, and intelligence.

AFCCDD Deputy Commander, Brig. Gen. Loren G. McCollom, has been reassigned to command Detachment 4 of ARDC's 4608th Support Squadron at Hanscom. As THE JOURNAL went to press no successor had been named.

General Bergquist listed the following personnel assignments:

Chief of Staff, Col. William K. Kincaid; Executive, Lt. Col. Benjamin M. Keith, jr.; Aide, Capt. John R. Osborn;

Technical Advisor, Col. Wilfred H. Tetley; Inspector General, Col. Robert C. Sexton; Administrative Services, Lt. Col. John J. Wolf; Office of Information, Maj. Harold A. Susskind; Commander, Hq Sq Section, Capt. Kermit D. Hammar;

Staff Judge Advocate, Lt. Col. Robert C. Wells; Staff Chaplain, Ch (Maj) Arthur E. K. Brenner; Staff Surgeon, Lt. Col. Seymour Wiederlight; Director of Procurement, Mr. William J. Irwin; DCS/Comptroller, Col. William T. Welter;

DCS/Inteligence, Col. George R. Hundt; DCS/Personnel, Col. James W. Townsend; DCS/Plans & Operations, Col. George W. McLauglin;

Plans Division, Lt. Col. Orville G. Adams; Program Evaluation Division, Col. Robert J. Lynch; Operations Division, Col. William C. McLaughlin; Manpower & Organization Division, Lt. Col. Eustis E. McKee, Jr.; DCS/Materiel, Col. Donald G. Comer; Director of Facilities, Col. Stephen F. Noonan;

Director of Technology, Col. Kenneth D. Coleman; Lincoln Lab. Liaison, Col. Roy W. Ballard; Operational Applications Laboratory, Lt. Col. Norman E. Green; Applied Research, Col. Roy W. Ballard; Advanced Systems Division, Lt. Col. John L. Lombardo;

Director of Systems Management, Col. William H. Congdon; Deputy Director of Systems Management, Mr. Harold M. Wright; Technical Director for Electronics, Mr. William J. Sen; Assistant for Analysis & Engineerring, Col. Jean A. Jack; Assistant for Test, Col. Herschel D. Mahon;

Assistant Director for Intelligence Systems, Col. Paul S. Bechtel; Assistant Director for Communications Systems, Col. Wayne R. O'Hern; Assistant Director for command Systems, Col. Daniel E. Riley; Director, Project 412L, Lt. Col. Elmer D. Jones, Jr.; Director, Project 416L, Lt. Col. Clayton F. Allen; Director, Project 425L, Col. Jay Jaynes;

Director, Project 431L/495L, Col. William C. Adams; Director, Project 433L, Col. George A. Guy; Director, Project 438L, Lt. Col. William C. Dodds; Director, Project 465L, Col. Daniel E. Riley; Director, Project 466L, Lt. Col. James B. McKenzie;

Director, Project 473L, Col. Durral J. Freund; Director, Project 474L, Col. Leo V. Skinner; Director, Project 480L, Col. Wayne L. O'Hern; Director, Project 496L, Col. Victor A. Cherbak, Jr.; Director, Project 413L, Maj. John Thompson.

Maj. White Is First AF Pilot To Fly X-15

Maj. Robert M. White has become the first Air Force pilot to fly the North American-built X-15.

The flight, made at Edwards AFB, Calif., 13 April, lasted about nine minutes. The X-15 was carried to an altitude of about 45,000 feet by a modified B-52 piloted by Capt. Charles F. G. Kuyk, jr, and Capt. John E. Allavie.

Mr. John Russell of NASA was at the launch panel and T/Sgt. John H. Kenney was flight engineer.

Major White flew the X-15 under power to 50,000 feet at a speed of Mach 2. After burnout, he brought the plane to a landing on Rogers Dry Lake.

Flying chase were Al White, in a North American F-100-F, Capt. Robert A. Rushworth, in a Lockheed F-104A, and Joe Walker of NASA in an F-104D.

Heads Photo Group

Lt. Col. Christian S. Bauer has been named commander of the Air Photographic & Charting Service's 1365th Photographic Group, Orlando AFB, Fla.

Announced by APCS commander, Brig. Gen. Clifford H. Rees, this new assignment places Colonel Bauer in direct control of a 350-man corps of specialists in the field of graphic arts. In addition to Air Force training films and the newsreel-type Air Force News Review—seen by millions of Americans each month—his unit documents for the Department of Defense all important activities at the Air Force Missile Test Center, Cape Canaveral.

Colonel Bauer and his wife, Violet, live with their two children, Christian, jr., and Sueanne, at 2111 Woodcrest Drive, Winter Park, Fla.

SAC Tests Long-Range B-52 Hound Dog Team

A SAC B-52 bomber has successfully launched a Hound Dog missile following a 22-hour, 10,800 mile non-stop flight.

The GAM-77 was launched off Cape Canaveral, Fla., by a 4135th Strategic Wing bomber operating out of Eglin AFB. Prior to the launch, the eight-jet Boeing bomber flew to the North Pole where it was refueled by a KC-135 jet tanker flying out of Westover AFB, Mass.

The B-52 was commanded by Capt. Jay L. McDonald of the 301st Bombardment Squadron.

The bomber crew included 1st Lt. Bennie F. Leatherwood, navigator, who doubled as missile operator.

1st Lt. Franklin G. Rufty, jr., pilot, started and controlled the missile's Pratt & Whitney turbojet engine before launching.

1st Lt. Gale Stokes, radar navigator, provided data for the missile's inertial guidance system and took over navigation of the B-52 while the navigator was operating the "bird."

Observers aboard the plane were Col. Guy M. Townsend, Chief of Requirements Division, SAC Headquarters, and Capt. John E. Meyers, of the SAC Project Office at Eglin.

Final testing of the GAM-77 is being conducted at Eglin by a SAC-directed Joint Test Force composed of personnel from the 4135th Strategic Wing, Air Proving Center and North American Aviation.

When testing is completed, the Wing will be the first SAC combatant unit to be equipped with the new missile.

Col. Bell Joins ADC

Col. John H. Bell, commander of the Kansas City Air Defense Sector, Richards-Gebaur AFB, Mo., has been reassigned to Air Defense Command headquarters in Colorado Springs, Colo. where he replaces Col. M. D. Blaine as assistant deputy for plans.

Air Force Retired Pay Increase

Here is the average increase in annual retired pay, by grade, for members of the Air Force, proposed under the Retired Pay Recomputation Act of 1960 (HR 11318):

Rank	Number receiving increase (H. R. 11318)	Additional average annual increase
Gen.	5	$3,813
Lt. Gen.	20	2,824
Maj. Gen.	136	1,850
Brig. Gen.	155	1,428
Col.	1,519	790
Lt. Col.	1,807	438
Maj.	1,534	74
Capt.	768	77
1st Lt.	639	22
2d Lt.	.....	.....
W-4	80	121
W-3	154	249
W-2	375	139
W-1	221	58
Total officers	7,413	.....
E-7	6,734	109
E-6	530	21
E-5	708	21
E-4	417	1
E-3	.....	.....
E-2	.....	.....
E-1	.....	.....
Total enlisted	8,389	.....
Grand total	15,802	.....

Medical Promotions Revised By USAF

NEW criteria for temporary promotion, based on length of promotion list service, have been prescribed for officers of the Air Force Medical Services through lieutenant colonels.

The four-year time-in-grade eligibility criteria to colonel will not be changed.

Under the new plan, the Air Force said, it "is recognized that the change in temporary eligibility promotion criteria will enhance the current temporary promotion opportunity of certain officers and diminish the current opportunity of others.

"It is also recognized that the change will cause certain officers, eligible under the time-in-grade criteria used in the past, to become temporarily ineligible under the new promotion list service and total active federal commissioned service criteria."

Without the new plan, Air Force officials said, Regular officers could only be promoted to the grade of major and lieutenant colonel after 1962, and then only after 14 and 21 years of promotion list service, respectively.

The primary eligibility zones to captain, major and lieutenant colonel will now be 5, 12 and 17 years promotion list service, respectively.

Below the zone eligibility to major and lieutenant colonel will begin at 10 years and 14 years service, respectively.

U. S. AIR FORCE ORDERS

Dudley C. Sharp—Secretary of the Air Force
Joseph V. Charyk—Under Secretary of the Air Force
Philip B. Taylor—Assistant Secretary (Material)
Lyle S. Garlock—Assistant Secretary (Financial Management)
Courtland Perkins—Assistant Secretary-Designate (Research & Development)
General Thomas D. White—Chief of Staff

BRIGADIER GENERAL

McDavid, John A, fr Offutt AFB, to Centr Contr Gp (Ofc/JCS), Hq USAF, Wash, DC, for dy as Dep Dir, J-6 (Communications-Electronics), The Jt Stf, NLT 1 Sep.

Nielsen, Ariel W, fr Forbes AFB, to Centr Contr Gp (Ofc/JCS), Hq USAF, Wash, DC, for dy as Dep Dir, J-5 (Policy), The Jt Stf, NLT 12 Sep.

Newberry, (Col) James P, fr Randolph AFB, & ret in gr of Brig Gen, eff 15 Apr.

James, Frank B, Hq ADC, Ent AFB, is rel fr dy as DCS/Intell, Hq No American Air Def Comd & Continental Air Def Comd; & asg dy as DCS/Programs, Hq No Am Air Def Comd & Hq Cont Air Def Comd, eff on dep Brig Gen Pierce.

COLONEL

Esau, Charles G, Tinker AFB, to Hq USAF, DCS/Materiel, Wash, DC, for dy w/Directorate, Procurement & Production.

Uhrich, George A, Brookley AFB, to Hq Air Materiel Frcs, Pac Area, APO 323, SF.

Hull, Harris B, API 953, SF, to Hq ADC, Ent AFB, for dy as DCS/Intell, Hq No American Air Def Comd & DCS/Intell, Hq Cont Air Def Comd.

Fr Wash, DC to Sta Indicated

Corwin, Alexander, Hq 325th Maint & Sup Gp, ADC, McChord AFB.

Boaz, William N, jr, dy sta ICAF, Ft L J McNair, DC.

Jarboe, Wallace E, Hq ATC, Randolph AFB.

Perry, Leland D, Hq 4510th AB Gp, TAC, Luke AFB.

Slagle, Fred C, Hq APCS, MATS, Orlando AFB.

Smith, Derryfield N, Hq ADC, Ent AFB.

Jones, Edward L, Hq 1604th AB Wg, MATS, APO 856, NY.

Fletcher, Robert I, Hq PacAF, APO 953, SF.

Edmonds, Melvin T, Hq ATC, Randolph AFB.

To Hq AFCCDD, ARDC, L G Hanscom Fld:

Hunn, Spencer S.

Lawrence, Baskin R, jr.

LIEUTENANT COLONEL

McDermott, Robert W, Englin AFB, to Hq ARDC, Andrews AFB.

Fr Wash, DC to Sta Indicated

Overby, George D, Hq USAFE, APO 633, NY.

Diehl, Conrad H, jr, Hq AFMTC, ARDC, Patrick AFB.

Ahern, Timothy I, 3555th Fly Tng Sq, ATC, Perrin AFB.

Kunzelman, Charles J, 1034th USAF Aud Gen Sq, Hq Comd USAF, LA.

Helvey, Hazen D, Hq AAC, APO 942, Seattle.

Gilmore, Byron H, Hq Tech Tng Cen, ATC, Keesler AFB.

Joachim, Charles W, Hq ADC, Ent AFB, for dy w/Hq No American Air Def Comd.

MAJOR

King, Lawrence W, Moody AFB, to 3565th Nav Tng Wg, ATC, Jas Connally AFB.

Brinkley, William A, Charleston AFB, to AMC Test Site Ofc, Patrick AFB, for dy as Ch, Quality Contr Div.

Fr Wash, DC to Sta Indicated

Sarter, Lee A, jr, Hq 4602d Spt Wg, ADC, Ottawa, Ont, Canada.

Haug, Lloyd F, 904th Air Rfl Sq, SAC, Mather AFB.

To Hq USAFE, APO 633, NY:

Purkey, Gerald L — Burch, W M, 2d
James, William W — Marsh, Howard E

To C&SC, AU, Maxwell AFB, for Cl 61:

Morris, Charles W — Tarpley, Joe F
Parrish, Anthony R

WAF TESTS B-58 NOISE

A WAF acoustics expert from the USAF Aerospace Medical Laboratory, Maj. Elizabeth Guild, became the first woman to fly in the Convair B-58 Hustler bomber, as she was taken aloft from Edwards AFB for a 45 minute flight to study in-flight noise levels in the supersonic jet.

A test restriction on the airplane prevented Major Guild from going faster than the speed of sound in the 4 engined bomber, which was piloted by AFFTC project pilot, Maj. Fitzhugh Fulton.

CAPTAIN

Williams, Curtis C, jr, Moody AFB, to Hq Air Tng Comd, Randolph AFB.

Robinson, Albert N, jr, Tyndall AFB, to 405th Ftr Wg, PacAF, APO 74, SF.

Fr Wash, DC to Sta Indicated

McAfoos, Harry A, Hq ARRC, ConAC, Denver.

To C&SC, AU, Maxwell AFB for Cl 61:

Arnold, David L — Elton, Harold R
Cottongim, John E

2D LIEUTENANT

Faller, Robert J, Eglin AFB, to 3301st Fly Tng Gp, ATC, Moore AB.

FORMER ORDERS REVOKED—

Frisbee, Col John L, prev ors re his rsg fr Wash, DC, to 1127th USAF Fld Acty Gp, Hq Comd USAF, Ft Belvoir, Va, revd.

RETIRED—

Colonel

Hughes, (Lt Col) Aquilla B, jr, as Lt Col & adv to Col.

Stogner, Ben T.

Reilly, James E.

Watkins, Max H.
Gilchrist, (Lt Col) William D, as Lt Col & adv to Col.
Neal, (Lt Col) Wilson H, as Lt Col & adv to Col.

Lt Colonel

Briley, Howard B.
Robinson, Edward W.
Milam, (Maj) Oscar E, as Maj & adv to Lt Col.

Major

Miller, Jack M.
McCulloch, Henry J, as Lt Col.
Ryan, George J, jr.
Irwin, James R.
Floyd, Robert C, as Lt Col.
Behrendt, Lloyd L, as Lt Col.
Cameron, Stewart E, as Lt Col.
Felton, Edward R, as Lt Col.
Lyman, Rowland G, as Lt Col.
Mace, Robert P, as Lt Col.
Tanner, Ted H, as Lt Col.
Rozneck, Joseph P, as Lt Col.
Pollock, William D, as Lt Col.
Porter, John W, as Lt Col.
Murray, Francis E, as Lt Col.
Heikkinen, R M.
Bedford, Charles I, as Lt Col.
Gleaves, Donald H.
Hoover, Elbert R, as Lt Col.
Siegel, Robert R, as Lt Col.
Kniery, Dennis M, as Lt Col.

Captain

Howard, George E, as Maj.
Kennedy, Herbert H.
Althoff, Raymond W.
Henish, George C, as Maj.
Jackson, John M, as Maj.
Herman, Maurice J, as Maj.
Mace, Abner, as Maj.
Martin, Nesbit L, as Maj.
Neel, Alexis M, as Maj.
Bickaler, Robert M, as Maj.
Phillips, Delmar O.
Keywood, Thomas D.

Chief Warrant Officer

Richardson, W-2 Donald.
Chase, W-3 Aretis T.
Woodward, W-2 Walter W.
McCoy, W-2 James I.

OFFICERS TO TEMP DISAB RET LIST—

Stone, Maj (Capt) Odell E, as Maj.
Jenkins, Capt Ernest L, as Maj.
Howell, Capt Dressler L.
Griffiths, 1st Lt Ralph A.
Bruck, CWO-3 Ronald E.

RESIGNED—

Logan, Maj (Capt) Lewis B C.
Helfrich, Capt Gerard F.
Catlett, Capt (1st Lt) Louis E.
Clement, Capt Dorris A.
Oglesby, 1st Lt Joseph D.
Connolly, 1st Lt William A.
Duncan, 1st Lt I J M.
Phares, 1st Lt Lindsay F.
West, 1st Lt Calvin S, jr.
Davis, 1st Lt Albert M.

PERMANENT PROMOTIONS—

To Captain

W/DR '60

31 Mar: Jacobson, Adolph D; Murray, Edmund F; McCarthy, William P; Scott, Curtis W, jr; Kyrazis, D T; Mims, Ollie F; Arnold, Ned D; Robin, Douglas G, jr; Lee, Ben P; Treska, Milo.
5 Apr: Phillips, Phelon B; Richarson, L G.
6 Apr: Harris, Barry E, sr; Tanner, James A.
7 Apr: Wheeler, Joe F; Meyer, Lawrence H.
8 Apr: Bissell, Schuyler; Barker, Charles D; Leggett, Harold D; Smith, James T; Sandiford, J P, jr; Laird, H W; Toth, J S.
9 Apr: Adams, William T.
10 Apr: Masterson, W E; Chappell, R G; Donner, Paul G; McPherson, R R; Fehrenbach, A J; Samuels, K W; Kimball, Jack A; Spencer, Don S.
11 Apr: Kramer, Abraham F.

To CWO-4

31 Mar: Schrepel, Paul H.
10 Apr: Williams, Robert S.
11 Apr: Edgin, James.

To CWO-3

31 Mar: Holland, Clayton W.
5 Apr: Boyle, William A.
6 Apr: Toftness, Henry B.
7 Apr: Glassman, Sidney N.
9 Apr: Kuenstler, Paul A.
10 Apr: Hagey, Willard D.

REGAF PROMOTIONS CONFIRMED—

To Colonel

Gray, Richard R, jr; Graybeal, J M.

To Lt Colonel

Gorman, Harry A.

To Major

Grimm, Harley L; Guay, G R J; Gross, Fred A, jr; Graf, John E, (MC); Greene, John R, (MC); Goings, C E, jr, (MSC); Guitrau, Genevieve D, (NC).

To Captain

Goldberg, Ronald I, (MC); Gorman, James A, jr, (MC); Gould, Kenneth G, jr, (MC); Graven, Stanley N, (MC); Green, Phillip E, (MC); Grise, Jerry W, (MC); Gray, Hollis B, (MSC); Gorczyca, Tadeusz; Gorschboth, Frederick F; Grant, Carl W; Gray, Roger C; Green, William W; Greenwood, Philip D; Guinee, Robert J; Guyton, Daniel.

To 1st Lieutenant

Greisen, Paul H; Guest, Richard P, jr; Gurski, John M.

TEMPORARY PROMOTIONS—

To Major

Saul, Laurence E; Scott, James E; Sowell, Jesse D; Dean, Louis J; Romero, James E, jr; Planinac, J W; Cooper, Edwin H; Littlejohn, Don W.

To 1st Lieutenant

Heimert, Robert L.

REGAF APPOINTMENTS—

As 2d Lieutenant

Distinguished Mil Grad, AFROTC

Adams, Ellis C L; Bay, Jerry L; Partridge, John H, jr.

Distinguished Avn Cadet Grad

Dewey, James A; Upton, Rodney A.

Distinguished Ofcr Candidate Grad

Hall, Oscar W; Stueve, John B.

HONORABLY DISCHARGED—

Walton, Lt Col (Maj) Lowell C.
Lee, Capt Wilson.
Swartz, Frederick F.

TRANSFERRED—

Rich, LCdr Robert G, fr USN to USAF, w/RegAF gr of Capt & temp gr Maj; & asg Hq 3958th Oprnl Evaluation & Tng Gp, SAC, Carswell AFB.
Lund, Capt Niels H, CE, fr DA to USAF, w/RegAF gr of Capt; & asg Hq 6933d Radio (Mbl) Gp, USAFSS, APO 324, NY.
Smith, Charles S, fr USMC to USAF, w/Reg AF gr of Capt; & asg 6940th AB Gp, USAFSS, Goodfellow AFB.
Borden, Capt Thomas G, fr USMC to USAF, w/RegAF gr of Capt; & asg Hq 3610th Nav Tng Wg, ATC, Harlingen AFB.

AIRMEN RETIRED—

M/Sgt: Burke, William J, as Lt Col; Vaughn, Paul B, as Lt Col; Civiletto, Salvador; Minter, William A; Pierce, Roy; Rohre, Harry C; Williams, Lee R; Hallock, Wesley J; Farber, Ben, as Lt Col; Doss, Hayward M; Jones, Paul W; Lefebvre, H P, as WO; Devault, William J; Abercromble, Carmon A.
T/Sgt: Pearson, Russell; Renneisen, A J, sr, as M/Sgt; Gullett, Arch H.
S/Sgt: Forcier, Joseph L; Sturm, Elvin R; Brock, Veston.
A/1C: Kennedy, Charles L; Kennedy, Calvin C, as S/Sgt; Cameron, Rayford.
A/2C: Holland, Douglas F.
A/3C: Flores, Tobias P; Koekoek, Earl L.
A/B: Hodges, Norman.

Col. Earthman New CO Of Brooks AB Group

Col. Henry B. Earthman, former Materiel Officer, Lackland Military Training Center, has been appointed commander of the 3790th Air Base Group at Brooks AFB, Tex.

He succeeds Col. Harry H. Culler, who became Assistant for Operational Planning to Maj. Gen. Otis O. Benson, jr., Headquarters, Aerospace Medical Center.

Colonel Earthman is married to the former Bee Griffith of Atlanta, Ga., and they have two daughters, Nellanne, 17, and Patsy, 15. The Earthmans reside at 1203 Oblate Dr., San Antonio, Tex. Nellanne, a senior at MacArthur High School, plans to enter the University of Mississippi in September. Patsy is a sophomore at Robert E. Lee High.

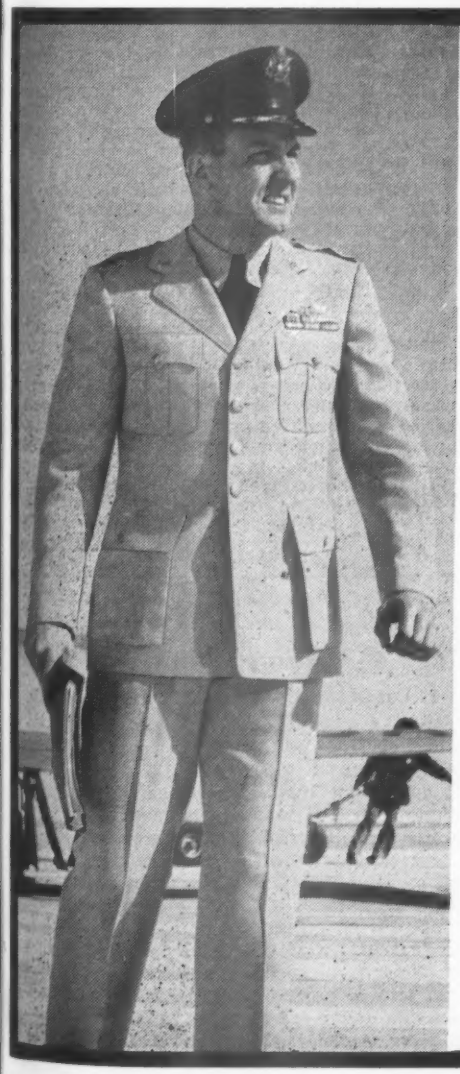
AF Officer Named Purchasing Div. Chief

Col. Samuel R. Todd, USAF, has been assigned as Chief, Purchasing Division, Military Clothing and Textile Supply Agency, Philadelphia Quartermaster Depot, it is announced by Maj. Gen. Webster Anderson, USA, Executive Director. He replaces Col. H. O. McGillin who has been transferred to Germany.

Colonel Todd is married to the former Beverly Cathcart of Columbia, SC. They have a son, Samuel R. Todd, Jr., attending Harvard University. The Todds reside at 304A Parkview Apartments, Collingswood, N. J.

TAC To PACAF

Col. Russell E. Sauvage, Director of Civil Engineering for the Deputy for Materiel, TAC, has been reassigned to Hq. Pacific Air Forces, Hawaii.



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23 APRIL 1960

Recognition For Research And Development Officers

Lt. Gen. Bernard A. Schriever's determination to obtain recognition and promotion for officers who have devoted substantial portions of their careers to research and development (see story on first page) deserves the support of the Department of Defense and Congress. As Commander of the Air Research and Development Command and an officer who has been close to the R&D problem for many years, General Schriever is keenly aware both of the dedication of those in the Services who work on such projects and of the vital importance of their contribution to the security of the nation. He properly feels that they should be given the same recognition as the men in the operational forces.

Recognition for R&D officers somewhat parallels the problem of securing funds for long-range research projects. The effectiveness of our future defenses depends on both men and money. A shortage in either can endanger our security in the years ahead.

Why No Official Determination On AirEvac?

Since the announcement before Congress that the Air Force plans to eliminate the medical air evacuation system in the U. S. by 1963, there has been a noticeable silence on the subject on the part of senior Air Force officials.

Despite the fact that high-level meetings have been held on the fate of AirEvac, no progress reports have been forthcoming.

It is informally understood that the Air Staff has been convinced it must maintain the medical air evacuation system with a minimum of 25 aircraft within the U. S. It is also understood that there is still some feeling among Air Staffers that the possibility of transferring AirEvac to the Reserves and Air National Guard should be reconsidered.

For several months, morale among MATS' AirEvac personnel has been faltering, due primarily to the uncertainty of their present assignments and to the loss of a mission to which they have become dedicated. These people have been told that their organization would be eliminated, and then informally advised to hold up any implementing action on the cuts.

An authoritative word on the new developments in AirEvac plans would be welcomed by those concerned, and especially by the many patients who must now be "backlogged" under the present skeletonized and uncertain medical Air Evacuation flight schedule.

Is Our Defense Posture So Perfect?

In response to questions posed by Mr. Carter Burgess, formerly an Assistant Secretary of Defense and now president of the American Machine & Foundry Company, Mr. Oliver M. Gale, a special assistant to the Secretary of Defense, has written a seven page letter plus 10 extra pages of questions and answers in staunch, all-out defense of every move the administration has made in every area of national defense.

In his "Dear Carter" letter, Mr. Gale, who came to the Department of Defense with former Defense Secretary Neil McElroy but did not return with him to Procter & Gamble, sees naught but perfection in the defense posture of the United States. "There is no deterrent gap" . . . "we are clearly ahead of the Soviets today in total military strength" . . . "Every element which gives us present superiority over the Russians is being expanded and improved in effectiveness" . . . "At no time in the foreseeable future will the Soviets be able to launch an attack upon us without receiving in return a blow of unbearable proportion."

Mr. Gale defends strongly our reliance on manned bombers and defends with equal vigor the Department's decision to defer the promising B-70 Mach 3 bomber project.

Obviously proud of its production, Mr. Gale's office sent copies of the "Dear Carter" letter to some 600 people it considered influential.

Observers reached the quite natural conclusion that the letter was intended as a political document. The Defense Department later gave out the word, however, that the whole project was Mr. Gale's idea, that he wrote it without consultation with other officials of the Department of Defense or with officials of the Republican party.

If a statement of the Department's views on our defense posture is needed, it should certainly come from the Secretary of Defense. One notes that the views of the responsible officials of the Department as presented to the Committees of Congress are not always so over-all rosy as the letter in question. Whether intentionally or not Mr. Gale has left the Department open to the charge of playing politics.

READERS' VIEWS

Paratroopers On Para-Frogmen

■ I was reading an article in the 12 March issue of THE JOURNAL titled "Courageous Underwater Sailors Take To The Air," and one part of the article, I quote, "One policy decision baffles us. It is difficult to understand why the "frogmen" do not receive the same hazardous duty pay as aircrewmen and submariners, instead of the flat rate of $55 per month for enlisted men and $110 for officers. Also, we think that the United States Government has sufficient resources so that it does not need to force the "frogmen" who become paratroopers to buy their jump boots out of their own pockets."

As for the difference in pay, we in the Airborne have wondered about that for some time. Do you think that by being a Para-frogman should entitle them to any more hazardous duty pay than the paratrooper? We have qualified frogmen in the Special Forces and they only draw the $55 per month for enlisted men and $110 per month for the officers. As for the buying of jump boots, if any trooper is wearing a pair, he had to buy them from the PX for approximately $15 a pair. It is true that the services issue a field boot, but all the jump boots worn are taken from the pockets of the individual. I have been in the Airborne for about 17 years, and if I remember correctly, the last issue of the jump boot was some time in 1944.

If I sound a little bitter, I don't mean to, and I don't want to take anything away from the Para-frogmen. They are a fine group, I had the pleasure of meeting some of them in Fort Bragg last year, but why should they be given any more consideration than their brothers in arms, the paratrooper.

SFC WILLIAM K. CRYSEL
SERGEANT ADVISOR
102D SPECIAL FORCES OPN DET (FB)
WEST VIRGINIA NATIONAL GUARD
HUNTINGTON

Pay Equity

■ THE ARMY NAVY AIR FORCE JOURNAL has editorialized for equity in retired pay. This is good, as many persons like myself are feeling the pinch economically. My family of four does not realize the essential things, such as good schools, travel, etc.

THOMAS CAUTHRON, MAJ., USAR-RET
ROUTE 2
MARIETTA, GA.

Code Of Conduct Comments

■ The provision of the Act of 1894 which prohibited retired officers from holding dual offices in the Federal Government was based, among other considerations upon the fact that a retired officer was receiving adequate retired pay. In 1894 the pay of a colonel, retired after twenty years or more of service, was $3375. According to Alvin Hanson, noted economist, this is equivalent to about $12,980 in current buying power.

In 1894 an officer could retire after 30 years service, but there was no compulsion. Most officers stayed on active duty until retired for age at 64. The Federal Government was small so there was little opportunity and less incentive to draw double pay.

During the recent hearings much was said and written about the history of the restrictions in the various services with regard to the right of retired officers to sell to the Government. Piecemeal legislation, aimed at specific categories of citizens is seldom good. The cure frequently is worse than the cause.

The conditions existing in 1894 and in 1921, when retired officers were denied the right to sell to the Government, were entirely different from those now prevailing. The "30 and 5" law retires great numbers of officers at the peak of their careers, when they are capable of ten to fifteen more years of useful labor. In most cases their children are still dependent upon them, so the officer must find work. Their retired pay of $8865 for colonels must be augmented to approximate their active pay and allowance of $14,036.

It appears that in this election year excessive emphasis is placed on capabilities of deception. Having served a lifetime under a code of conduct, both written and unwritten, to say nothing of an individual's personal code of honor, from the moment he is retired he is now expected to resort to a life of deceit, consorting with shysters and criminals, using his influence to extract vast sums in preferential contracts from a gullible, innocent and inept Defense Department.

A code of conduct which limits the economic opportunities open to retired Regular Army officers is not only unnecessary, but it is gratuitously restrictive to the individual, to the government, and to business. Francis Quarles' couplet is still true:

"Our God and Soldier we alike adore
When on the brink of ruin, not before;
The danger past, both alike requited,
God is forgotten and the Soldier slighted."

ARMY OFFICER

IN THE JOURNAL

Armed Forces Drop To 1.4 Million; Navy Sec'y Opposes Army Commissions For Midshipmen

10 Years Ago—The Armed Forces had a combined numerical strength of 1,476,800 on 31 March. The total is a decrease of 13,500 from the 1,490,300 combined strength of 28 February.

50 Years Ago—While it is no doubt true that a careful canvass of officers of the War Department would show a decided majority in favor of the stand taken by Secretary Dickinson against permitting midshipmen who left the U. S. Naval Academy to be appointed to commissions in the Army before the graduation of their class, there are those who argue against what they call a discrimination against these ex-Academy men.

96 Years Ago—The business of prosecuting claims of soldiers and sailors against the Government seems to have risen to the dignity of a specialty, if not to that of a profession. That Government so regards the fact, at least, has been made sufficiently apparent of late to certain practitioners, who have enjoyed the privilege of a double taxation under the Revenue Acts—once as being claim agents, and once again as being attorneys-at-law. Government is said to prefer that its claimants should be their own attorneys.

CAPITOL JOURNAL:

Low-Priority Research Criticized; Army Wins "VIP" Tags; $10 Billion For Polaris

SERVICE research programs in low-priority categories could suffer a heavy cut when the House Military Appropriations Subcommittee writes its report on the fiscal '61 defense budget. The Subcommittee has been looking into various research activities of the Armed Forces and has discovered that over half a million dollars is tied up in dental research alone. Chairman George H. Mahon (D-Tex) says that if a lot of the projects being conducted under the cloak of R&D could be brought out and exposed "to the clear light of the noonday sun" the Services wouldn't be able to defend them. Digging into Navy dental research activities (for which $117,000 is being requested for fiscal '61), Chairman Mahon said, "We talk about high priority projects needed to save the Nation. Antisubmarine warfare is a matter of life and death and yet you just could not stop dental research when it is a duplicative effort, no doubt." He said, "That is what undermines one's confidence in the management of this research and development program." The Chairman added that "curtailment of research with a lower priority should certainly be considered."

In defense of its dental research activities, the Navy said it has a "major problem" in the dental care of recruits. More than 90%, have "one or more" teeth that require fillings. The Navy probably made few points in favor of its research program, however, when it pointed out that a survey of Naval recruits had uncovered the fact that 25% "had poor esthetics (disturbance of appearance that was very undesirable)." The Appropriations group, if it acts to curb low-priority research, is almost certain to cite the "poor esthetics" statement as a "horrible" example.

If "VIP" license plates are any criterion, Army prestige is soaring far above that of the other Services. In the first 100 low-number license plates issued to "very important" residents of the District of Columbia, the Army is the only Service represented. Army Chief of Staff, General Lyman L. Lemnitzer holds tag number "44," and his civilian boss, Army Secretary Wilber M. Brucker, has tag number "89." A couple of subordinates, D. C. Commissioner, Brig. Gen. Alvin C. Welling and former D. C. Commissioner Maj. Gen. Louis W. Prentiss, USA-Ret., hold even lower numbers. General Welling's tag is number "3" and General Prentiss' tag is number "22."

The President's requested increase in the Polaris program (THE JOURNAL, 9 April) is still far short of recommendations made to the Secretary of the Navy by VAdm. J. T. Hayward, Deputy CNO for Development. As it now stands, the fiscal '61 budget request is for three Polaris subs and nine LLT (long lead time) components. Originally the President asked for three and three, but he has now recommended a boost to nine in the LLT category. Admiral Hayward, however, had recommended a $7 billion program through the next four fiscal years, including nine submarines in fiscal '61, 12 each the following two years and three in fiscal '64. The Deputy CNO's LLT recommendations were 12, 12 and three for the next three fiscal years. Total cost of the program from start to finish (through fiscal '64) would be almost $10 billion, including the cost of increasing the range of the Polaris missile to 2300 nautical miles.

The Soviet Union may be gearing for a painless war, involving no fatalities or large-scale destruction. Lt. Gen. Arthur Trudeau, Army Research and Development Chief, has disclosed that the Russians have built up an enormous stockpile of chemical weapons. In testimony released 15 April by the House Military Appropriations Subcommittee, General Trudeau said, "we know that the Soviets are putting a high priority on development of lethal and nonlethal weapons, and that their weapon stockpile consists of about one-sixth chemical munitions." He said "Russian leaders have boasted that they are fully prepared to use new chemical weapons of great significance and we know that Soviet forces are trained in their use."

Two chemical agents, which are under study, "could be used against an enemy," General Trudeau said, "without causing fatalities or large-scale destruction of buildings, bridges and other manmade structures." One "psychochemical," he said, "disturbs the normal behavior pattern of the individual, causing either apathy, fear, or disorientation of the mind." Another type "is incapacitating physically, causing, for example, temporary blindness or paralysis." General Trudeau said if the Communists ever use chemicals, the U. S. "must be prepared to meet such an attack—both offensively and defensively."

An increase of $13.3 million in the Army's chemical warfare/bacteriological warfare budget is included in the fiscal '61 military appropriations bill. The fiscal '60 budget contained $42 million for CW/BW work. This has been boosted to $55.3 million for fiscal '61. Broad objectives of the program, General Trudeau said, "are to develop defensive systems which will enable the Army to fight effectively under chemical and biological warfare conditions, to exploit development of incapacitating agents, and to develop chemical and biological weapons systems which can complement the nuclear deterrent." He told the House Committee that the Russian buildup of chemical weapons is "a real threat."

Representative Daniel J. Flood (D-Pa.) said "You are telling us (deleted) that one-sixth of their hardware and munition inventory is chemical warfare?" General Trudeau said, "That is our best belief; yes, sir." Congressman Flood commented, "Well, it is going to be a very unpleasant war." General Trudeau said, "What would be more natural if there was an offset or standoff with respect to nuclear weapons than for the Russians, if they decide to move West, to attempt to seize an area or industrial complex of the Ruhr without destroying the works of man, or even the people who are operating it, unless they are military people they have to put out of the way. This is a real threat."

New Airborne Photo Radar Gives Army All-Weather, Long-Range Surveillance

A RADICALLY new, all-weather set of eyes for the battlefield commander is now under test by the Army. It is expected to be operational within the next 18 months.

Demonstrated in Washington for Army officials and newsmen 19 April, the device is an airborne radar which can produce high-quality photographs of what it sees.

Four prototype models of the airborne surveillance radar have been made by the Texas Instruments Corporation, Dallas, in cooperation with the Army and the Willow Run Laboratories of the University of Michigan.

The radar, designated AN/UPD-1, can distinguish closely spaced objects and ground differences from great distances without distortion due to either angle or range.

Currently installed in a Beech L-23, the radar faces sideways from the underbelly of the plane, mapping a continuous strip of territory many miles to its flank. It can thus see deep into enemy territory without flying over hostile areas.

Radar signals, recorded on film in the plane, can be processed into finished pictures of enemy territory within an hour after landing by a mobile van processing station on the ground.

When operational, the radar will be mounted abroad the Grumman Mohawk, now being tested for the Army. Future, light-weight models may be installed aboard drone aircraft.

Terming the radar a "significant breakthrough," Lt. Gen. Arthur G. Trudeau, Army Chief of Research and Development, told newsmen at a Pentagon meeting 19 April that "I think it is one of the finest developments that has come to this stage of accomplishment in my tenure as R&D chief."

The finished map produced by the radar resembles a high quality photograph in detail. Even though recorded from many miles to one side of its object, the map appears as if taken from directly overhead.

Army officials said the new radar could be adapted for use by the Air Force and that projects to investigate additional uses were underway at the University of Michigan.

Besides General Trudeau, those attending the special news briefings on the radar included: Brig. Gen. W. M. Thames, Commander of the Army Combat Surveillance Agency; W. F. Joyce, Texas Instruments Vice President; and Dr. J. A. Boyd, Director of the Willow Run Laboratories.

Maj. Berge Command MAB Sq

Maj. James H. Berge has assumed command of Marine Air Base Squadron 12, Marine Aircraft Group 12, First Marine Aircraft Wing, Iwakuni. He relieved Maj. Frank Mick who will report to Marine Corps Auxiliary Air Station, Yuma, Ariz., for duty.

AF SELECTION BOARDS

The Air Force has announced the following schedule of selection boards for the rest of April and through 1960.

25 April — Central Temporary Colonel (Line and Chaplains)

2 May—Early Retirement of Regular Officers (Lt. Col. and Col.) (scheduled in anticipation of enactment of legislation).

9 May—Permanent Lt. Colonel (Reg.).

16 May — Permanent Colonel (Res.) (board scheduled by and held at Air Reserve Records Center, Denver, Colo.).

23 May—Permanent Warrant Officer (Reg. and Res.).

31 May—Central Temporary Captain (Component).

7 June—Temporary Warrant Officer.

20 June — Permanent Colonel (Reg.).

28 June—Res. Colonel Unit Vacancy & ANG Colonel Federal Recognition.

28 Jun—Hq 20-10 Nomination (FY 62).

5 Jul—2d Lt. Review (Reg. and Res.).

18 Jul—Central Temporary Captain (Line).

25 Jul—Central 20-10 (Retirement of Res. Officers—FY 62).

8 Aug—Senior Service Schools (Preliminary Selection).

22 Aug — Permanent Captain (Res.).

30 Aug—Senior Service Schools (Final Selection).

6 Sep—Hq USAF Temporary Major (Line—Secondary Zone).

19 Sep — Permanent Captain (Reg.).

3 Oct—Central Temporary Component (Major, Lt. Colonel and Colonel).

11 Oct—2d Lt. Review (Reg. and Res.).

17 Oct—Central Temporary Major (Line—Primary and Secondary Zones).

31 Oct—Early Retirement of Reg. Officers (Lt. Colonel and Colonel).

7 Nov—Airmen E-8 and E-9.

14 Nov — Permanent Major (Res.).

22 Nov—Res. Colonel Unit Vacancy & ANG Colonel Federal Recognition.

28 Nov — Permanent Major (Reg.).

12 Dec—Hq USAF Temporary Lt. Colonel (Line — Secondary Zone).

2d Infantry G-1

Lt. Col. Byrd Sergent has assumed duties as Assistant Chief of Staff G-1 (Personnel) of the Second Infantry Division, Ft. Benning, Ga.

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MEMO--

RECOGNITION OF THE RIGHT OF A SINGLE SERVICE to fight for what it needs rather than to accept meekly the decisions of the Defense Department has been given by a number of knowledgeable and leading members of Congress. In fact (story on first page) members of the House Military Appropriations Subcommittee are deliberately goading the Army to rebel against DoD restrictions on its integral aviation. Air mobility on the battlefield is a must if the small U. S. Army is to compete with larger forces and many Congressmen feel the Army should be permitted to exploit it to the utmost. By the same token the Army might well speak louder on airlift and air support.

THE ARMING OF ARMY AIRCRAFT is being pressed with vigor. An ad hoc Committee on Armaments for Army Air Vehicles met last week at Ft. Rucker, Ala., bringing together the R&D men and the users. There was unanimous agreement as to the future of the armed helicopter for the Army. The main problem, it was agreed, is getting a coordinated funded program to develop the weapon systems that are needed.

PRESIDENT EISENHOWER'S BUDGET BUREAU, noted for its heavy-handed cuts in Federal expenditures, and for its refusal oftentimes to release funds voted by Congress, takes a different approach when it comes to the President's own White House expenses. Asked how he controls the expenses of the President's office, Budget Director Maurice Stans told the House Appropriations Committee that the Bureau doesn't use the same yardstick it applies "to other agencies." In fact, Deputy BoB Director Elmer B. Staats added, it's more just a question of "review as to the form and procedure."

DEFENSE DEPARTMENT OFFICIALS who have smarted under Budget Bureau cuts probably will not be unhappy to learn that the Appropriations Committee has agreed to give BoB only 11 of 33 new staff workers which the Bureau requested for the coming fiscal year. Four of the requested new employees were to be assigned to the Bureau's "Military Division." How many that division will now get, if any, remains to be seen.

BUDGET DIRECTOR STANS said the Bureau "applied the same strict tests to our own requirements that we apply to any agency which comes before us" seeking a personnel increase. He failed, however, to convince the Appropriations Committee of the need for all 33 new employees.

A PRESIDENTIAL COMMITTEE, financed at present out of the bank account of the Armed Forces, will have to go to bat for its own budget next year. The House Appropriations Committee thinks it is not logical to take $54,000 out of Army, Navy and Air Force operations and maintenance funds to operate the President's Committee on Fund Raising Within The Federal Service, and has directed that the system be changed in next year's budget. The present arrangement, the Committee says, "is without logic, not conducive to orderly budgetary review, and tends to obscure costs on an organizational basis."

NAVY'S TASK FORCE 47, which visited 33 Great Lakes ports in participating in the opening of the St. Lawrence Seaway, has been awarded a Silver Anvil—Oscar of the public relations field—for turning in the best military public relations job for 1959. The award was presented by the American Public Relations Association at its annual banquet 16 April at White Sulphur Springs, W. Va. VAdm. E. B. Taylor, now Commander Antisubmarine Defense Force Atlantic, commanded Task Force 47 at the time, and Cdr. Merle Macbain, USN, now PR for the Atlantic Fleet, headed the Command Information Bureau for the winning cruise.

BEST LIKED FOODS in the Armed Forces are, n order of preference, fresh milk, hot rolls, hot biscuits, strawberry shortcake, grilled steak, ice cream, ice cream sundae, fried chicken, french fried potatoes, and roast turkey. So says a 160-page survey "Food Preferences of Men in the U. S. Armed Forces" just released by the Army's Quartermaster Research and Engineering Command in Chicago.

LEAST LIKED FOODS are: mashed turnips, broccoli, baked hubbard squash, fried parsnips, creamed asparagus, cabbage baked with cheese, asparagus with hollandaise sauce, ice coffee, cauliflower with cheese sauce, and candied parsnips. The researchers noted that the least liked foods are concentrated in the vegetables except for the inclusion of ice coffee. In fact, vegetables occupy the lowest position of all classes; soups are the next lowest. But fruits are at a reasonably high level, and desserts are near the top.

AS MEN GROW OLDER, however, the preference for soups and vegetables increases, while preference decreases for beverages, cereals, desserts, and fruits. "Young people like sweet foods better," the survey reports.

PROJECT STRIP TEASE is the designation of an AF program to cut packaging costs and at the same time boost efficiency. "You take a stripper on the stage," a traveling AF instructor explains it, "she wants to take off as much as possible and still stay protected. We want to teach you to do the same thing." It's a serious matter—last year units reported losses of $2,900,000 as a result of poor packaging and crating.

THE INCREASING ACCENT on education as a path to advancement in the Navy was pointed up by Admiral Arleigh Burke, CNO, in response to complaints by junior officers that they were being discriminated against because they were not Annapolis graduates. (See first page.) He broke out statistics for the FY '60 commander selection board to make his point that one of the chief considerations for advancement was the level of education, not the source of the officer.

THE 1960 THREE-STRIPE ZONE contained 99 officers with MA's; 86 won their third stripe—86.8%. Of the 349 in the zone with BA's, 218 were advanced—62.4%. There were 512 lieutenant comanders in the zone with educations below the BA level; 196 were chosen—38.2%. An additional 49 officers had attended PG courses above the BA degree level but below the MA qualification; 34 were advanced—69.3%.

THERE WERE 308 PILOTS from Academy and non-Academy sources who failed to be selected; 13 of the pass-overs had MA's. Six of the non-selectees were Annapolis graduates, seven were not.

WHEN HE TAKES COMMAND OF MATS next July, Maj. Gen. Joe Kelly (see page 13) will have an advantage over some of his predecessors. Few officers in any of the Services are better known or better liked in the House and Senate than General Kelly. He chalked up a long list of lasting friendships in the Congress during his service as Director of Air Force Legislative Liaison. The respect with which General Kelly is regarded on Capitol Hill is certain to aid him when he is called before Congressional committees next year to discuss the MATS program.

AN ARMORED VEST, incorporating a ballistic collar to decrease neck wounds, is being field tested by the Army. Lt. Gen. A. G. Trudeau, Army R&D Chief, says the vest "is expected to reduce wounds in this vital area by 11%." The General also has told Congress that a new composite armored vest of titanium plates and nylon fabric is undergoing engineering design tests. He said the nylon and titanium plates provide "a significant increase in protection against the more modern ammunition for the same total weight per vest."

SENATOR WILEY'S PROPOSAL for a new manpower commission (see first page) also contemplates a probe of the Draft Act. The Senator says Selective Service will have to "undergo careful scrutiny" to determine how effective it will be in the years ahead. There is "serious question," he says, whether the present draft system "would be able to provide the highly skilled personnel needed to man a complex defense system."

WHEN AND IF THE PROPOSAL GETS TO THE HEARING STAGE, the Services are certain to urge continuation of the draft on the basis of their long-standing argument that the threat it poses is the major source of enlistments.

NOT A PEEP HAS BEEN HEARD FROM THE SENATE about the controversial Hebert Bill restricting the employment of retired officers by defense contractors. Although the subject created considerable heat in the House, it may be headed for the Senate deep freeze. No staff study has been ordered by the Senate Armed Services Committee, and this is the usual preliminary for bills on which the Committee expects to hold hearings.

SPECIAL PROVISIONS for the education of children of members of the Armed Forces are contained in the Civil Rights Bill now pending final Congressional action. A law already on the books authorizes free public education for children who live on Federal property, if local agencies are unable to provide for their education. The Civil Rights Bill goes a step farther and says that arrangements for free public education also may be made for children of members of the Armed Forces on active duty, if the State or local government shuts down the free public schools.

THE ARMY IS LOOKING FOR a new rifle that will have a "killing capacity" in the 500-yard range. Lt. Gen. A. G. Trudeau, Army R&D Chief, has told Congress the Army believes, "by 1965, or so, we can come up with a rifle and 750 rounds of ammunition that will be no more of a burden to the soldier than the present M-14 and 160 rounds of ammunition." He said development of the new rifle would not necessarily mean, however, that the Army wouldn't need "sniper rifles of other caliber."

FISCAL '61 FUNDS totaling $876 million have been approved by the House Appropriations Committee for the National Aeronautics and Space Administration. The total is about $40 million less than the President requested, but all funds for "space propulsion technology" were approved. Cuts include $2.1 millon for scientific investigations in space, $2.7 million from the manned space flight program, and $4.2 million in personnel costs. The Committee said NASA's headquarters "already is overstaffed." The final, overall total approved, however, is $375.4 million more than the current NASA budget.

RENEWED DEFENSE OF NEGOTIATED PROCUREMENT for the Defense Department was put forth by Defense Department General Counsel J. Vincent Burke, jr., before the Defense Procurement Conference of the Detroit Federal Bar Association. Mr. Burke pointed out that once a major weapon program has passed the design and development stage, it would be "extremely costly, both in dollars and time," to duplicate its acquired facilities and experience in another contractor.

IN TERMS OF DOLLAR VALUE, Mr. Burke said, "86.4% of our contracts with business firms in the U. S. during FY 1959 were the negotiated types." The actual number of negotiated contracts, however, is "comparatively small," the DoD Counsel said. Of the total FY '59 ZI procurement, 5.3% of all contracts were formally advertised, 3.6% were negotiated contracts over $2,500. The vast bulk of contracts awarded by the Services were for small purchases of $2,500 or less.

Army Orders

From page 5—

Cramer, Eugene G, 101st Abn Div, Ft Campbell.

To Korea

O'Brien, Leo, Dubuque, Iowa.
Andrews, David M, Ft Campbell.
Cooke, John W, jr, Ft Belvoir.
Farrington, James R, Eglin, Fla.
Follett, Charles V, jr, Harrisburg, Pa.
Gannon, Timothy G, Ft Benning.
Gramm, Harold, Ft William, Maine.
Hollis, Richard C, Ft Benning.
Hooper, John C, sr, Baltimore, Md.
Johnson, John P, Ft Rucker.
Komaniecki, Raymond P, Ft Lewis.
Macklin, Robert E, Hattiesburg, Miss.
Moore, James H, Little Rock, Ark.
Wilson, Roosevelt, Fairmont, WVa.
Yu, Howard H C, Ft Hood.
Orr, Clyde H, Ft Riley.
Woodard, Harry L, Ft Devens.

To Germany

Wirth, Herman L, Orono, Me.
Sipe, Richard W, State College, Miss.
Carmichael, Glenn A, Clemson, SC.
Beirne, Daniel R, Gettysburg, Pa.
Brown, Ellwood W, Newport, RI.
Stallings, William B, San Diego, Calif.
Taylor, William W, jr, Cambridge, Mass.
Guide, Vincent D R, Lexington, Ky.
Henchman, John M, Eugene, Oreg.
Holland, Rex L, San Antonio.
Howell, James G, East Lansing, Mich.
Mitchell, John W, Davidson, NC.
Withers, Langhorne P, State College, Pa.
Wright, Lloyd G, Easton, Pa.
Buss, John F, jr, Ft Dix.
Flibin, Edward J, Memphis, Tenn.
Kizirian, John, Ft Bragg.
Shipley, Alvin J, Cp Kilmer, NJ.
Yeater, John B, jr, Ft Sill.
Connelly, James G, Ft Jackson.
Dodd, Carl H, Ft Carson.
Reed, Robert D, Philadelphia.
Echols, Curtis L, Ft Benning.
Boyd, Eugene T, Ft Rucker, Ala.
Christopher, William, Ft Benning.
Dickerson, George W, jr, Petersburg, Va.
Duke, Walter, jr, Ft Knox.
Harding, Federick D, Ft Jackson.

To France

Rast, James F, Tempe, Ariz.
Warren, Wilbur M, 2d, Charleston, SC.

1st Lieutenant

Toner, Richard B, Ft Meyer, Va, to USA Elm MAAG, Ethiopia, Addis Ababa.
Kuder, Charles R, Ft Carson, to USASETAF.
Koslow, Robert W (AS) Ft Meade, to TUSLOG Det 27, APO 254, NY.
Crowley, John D, Atlanta, Ga, to The Sch Bde USAIS, Ft Benning.
McKinzie, George J, Ft Sill, to 1st Armd Div, Ft Hood.
Muir, Glenn L, Ft Riley, to FSUSA, Ft Benjamin Harrison.
Brown, Joseph E, Ft Campbell, to USA Cml C TC, Ft McClellan.
Henry, Malcolm P, Ft Devens, to USAREUR.

From Ft Benning, to Station Indicated

Tunmire, Dana, USA Instr Gp, Kans, Martin Br Univ of Tenn, Martin.
Patton, Joe W, USA Trans Mat Comd, St Louis.
Oliver, Henry M, USA Instr Gp, Ga, Georgia Institute of Technology, Atlanta.
Congleton, Roy E, USA Instr Gp, Georgia, Gordon Mil College, Barnesville, Ga.
Alameda, Donald J, USA ROTC Instr Gp, II USAC, Rutgers Univ, New Brunswick, NJ.
Watts, James B, QM Tng Comd USA, Ft Lee.

To Korea

Bond, Robert M, Ft Benning.
Ellis, Joe, jr, Ft Lewis.
Flowers, Robert G, jr, Ft Devens.
Martin, Edwin W, jr, Annville, Pa.
Pugmire, Robert M, jr, Ft Ord.
Whitenack, James H, Ft Dix.
Williams, Thomas L, jr, Ft Carson.
Winchell, Albert B, Ft Lewis.
Kramer, Leon J, Ft Dix.
Allen, Thomas L, Ft Lewis.
Harris, Robert E, Ft Lewis.
McLaurin, Charles D, Ft McPherson.
Moore, Robert D, Ft Carson.
Puckett, Charles R, Ft Devens.
Walker, Donald G, Ft Campbell.
Woods, George J, jr, Ft Campbell.
Fyffe, Carroll M, Ft Lewis.

To Germany

Moore, Marshall L, Ft Campbell.
Nolan, Edward P, jr, Annville, Pa.
O'Shields, Berry R, jr, Charlotte, NC.
Phillips, Don, Ft Leonard Wood.
Renkin, Herbert L, Ft Lewis.
Robinson, Richard A, jr, Ft Lewis.
Saunders, Otis H, Ft Leonard Wood.
Toole, Henry D, Ft Hood.
Wootten, Lawrence E, Ft Bragg.
Boehme, James A, Ft Hood.
Brandl, Joseph W, Ft Campbell.
Cayford, Richard W, Ft Dix.
Fromm, Rudolph W, Ft Bragg.
Gill, Bruce L, Ft Lewis, Wash.
Haas, Willis J, jr, Ft Lewis, Wash.
Naumann, Ralph E, Ft Devens.
Nelson, Theodore R, jr, Ft Dix.
Pritchard, Donald H, Ft Carson.
Steele, Merrill F, Ft Carson.
Strombeck, Edward E, Ft Lewis.
Welch, Bruce A, Ft Carson.

The Armed Forces Top Command

The Honorable Dwight D. Eisenhower
Commander In Chief Of The Armed Forces

The Assistant to the President—Maj. Gen. Wilton B. Persons, USA-Ret.
Special Assistant to the President—Maj. Gen. John S. Bragdon, USA-Ret.
Deputy Assistant to the President—Col. Bryce Harlow, USAR
Staff Secretary—Brig. Gen. Andrew J. Goodpaster, USA
Military Aide—Col. Robert L. Schulz, USA
Naval Aide—Capt. Evan P. Aurand, USN
Air Force Aide—Col. William G. Draper, USAF

Department Of Defense

Thomas S. Gates, jr.
Secretary Of Defense

Deputy Secretary of Defense—James H. Douglas, jr.
Director, Research and Engineering—Herbert F. York

Assistant Secretaries Of Defense

Franklin B. Lincoln, jr. (Comptroller)
Charles C. Finucane (Manpower, Personnel and Reserve)
John N. Irwin, II (International Security Affairs)
E. Perkins McGuire (Supply and Logistics)
Floyd S. Bryant (Properties and Installations)
Dr. Frank B. Berry (Health & Medical)
Murray Snyder (Public Affairs)
J. Vincent Burke, jr. (General Counsel)

Joint Chiefs Of Staff

General Nathan F. Twining, USAF
Chairman

General Lyman L. Lemnitzer—Chief of Staff of the Army
Admiral Arleigh A. Burke—Chief of Naval Operations
General Thomas D. White—Chief of Staff of the Air Force
General David M. Shoup—Commandant of the Marine Corps

Romig, Danny L, Ft Riley.
Cole, John W, Ft Devens.
Barnes, James M, Ft Bragg.
Burgess, Joseph E, Ft Knox.
Carter, Harold M, Ft Bragg.
Case, Robert O, Ft Carson.
Coyle, James F, Ft Knox.
Crane, George R, Ft Campbell.
Davis, David H, II, Ft Carson.
Farrer, Gary R, Ft Carson.
Hunt, Gordon M, Ft Devens.
Jones, Walter R, Ft Benning.
Lebourdais, Carl J, Ft Dix.
Leyva, Ramon D, Ft Hood.
Eldredge, Richard B, Ft Devens.
Kaufmann, Reynold W, Ft Devens.
Kelley, Emmett L, jr, Ft Bragg.
Kennedy, Paul J, jr, Ft Leonard Wood.
Parker, Wendell G, Ft Devens.
Cruz-Ibarra, Orlando, Ft Gordon.
Windsor, James A, Ft Benning.
Kanzaki, Noboru S, Ft Gordon.
Leonard, John A, jr, Ft Dix.
Marnon, Donald J, Ft Benning.
McClure, Jack D, Ft Lewis.
Romard, Richard L, Ft Myer.
Dew, Donald L, Ft Bragg.
Child, William O, Ft Benning.

To France

Cook, Larry J, Ft Lewis.
Bridgewater, Tom W, jr, Ft Hood.
Woodbine, Gerald V, Ft Devens.
Drane, Theodore E, Ft Riley.

2d Lieutenant

Behnke, James E, Ft Leonard Wood, to USASETAF.
Pearce, Carl A, USAREUR, to 4th Inf Div, Ft Lewis.

To Korea

Brunkow, Richard O, Ft Campbell.
Knutson, Richard H, Ft Ord.
Poe, Joe F, Ft Jackson.
Wright, Herbert T, Ft Jackson.

To Germany

Lee, Gordon K, jr, Ft Dix.
Mauldin, Calvin L, Ft Lewis.
Sheehan, Albert J, Ft Lewis.
Slussear, Alexander M, Ft Ord.
Swan, Sinclair O, Ft Leonard Wood.
Swinson, Benjamin L, Ft Sill.
Hutzler, Ralph L, jr, Ft Sill.

ARMOR—

Colonel

Prince, William R, Sofia, Bulgaria, to USA Elm JUSMAG, Thailand, Bangkok.
Boylan, Vincent L, Wash, DC, to USA Instr Gp, Hawaii, Univ of Hawaii, Honolulu.
Field, Frederick P, Ft Knox, to Hq USARCARIB, Ft Amador, CZ.
Gontrum, Ralph W, Ft Holabird, to USAARMC, Ft Knox.
Haines, Ralph E, jr, Wash, DC, to Hq 2d Armed Div, Ft Hood.

Lt Colonel

McQuain, Gordon E, Ft Knox, to USACGSC, Ft Leavenworth.
Bailey, Ellsworth N, Ft Devens, to Hq US ASA, Europe, Frankfurt.
Lippincott, Clifford E, Ft Leavenworth, to Hawaii.
Stewart, Lewis M, Ft Knox, to Germany.

Major

Slocum, John M, Ft Leavenworth, to USA Elm MAAG, Vietnam, Saigon.
Stowell, Charles W, Ft Sam Houston, to Korea.

To France

Adamo, Pascal, Ft Knox.
Stanfield, Norman T, Ft Hood.
Cleveland, John H, Ft Knox.

Captain

Foster, Thomas G, Wash, DC, to Hawaii.
Creighton, Neal, West Point, Madrid, Spain, to dy sta, West Point (Stf & Faculty).
Gazlay, John C, Ft Benning, to 4th MTB 37th Armor, Ft Knox.
Graham, Charles P, West Point, to Stu Det Hq Second USA, Ft Meade, w/sta MCS, Quantico, Va.
Gunsel, Robert C, Monterey, Calif, to USA Elm JUSMAG, Thailand, Bangkok.

From Ft Knox, to Station Indicated

Hayes, David B, 1st Inf Div, Ft Riley.
Bonnett, Thomas J, Stu Det Hq & Hq Co USALS, Presidio of Monterey, Calif.

To USAAVNS, Ft Rucker

From Ft Knox:
Bell, John E — Jackson, Wilfred A

To Germany

Owen, John K, jr, Ft Knox.
Grzybowski, Conrad J, Ft Benning.

1st Lieutenant

Goodman, John U, Ft Lewis, to USAREUR.
Sturm, John A, Ft Bragg, to Korea.
Mattison, Charles H, Ft Lewis, to Germany.

To Stu Det USAARMS, Ft Knox

Pratt, Willis G, Ft Riley.
Wells, Roy D, Cp Irwin, Calif.
Henne, Carl, jr, Cp Irwin.

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Airborne General

MAJ. GEN. Dwight E. Beach, USA, commanding general, 82d Airborne Division, gets a last minute adjustment to his parachute prior to a 30-minute familiarization flight in a Lockheed F-104 Starfighter at Pope AFB. Pilot (left) is 1st Lt. J. O. Swanson, USAF, 479th Tactical Fighter Wing, George AFB, Calif. The TAC F-104 was at Pope to perform in a firepower demonstartion at a Ft. Bragg drop zone.

Also making a flight in the supersonic jet fighter was Brig. Gen. Harvey J. Jablonsky, assistant division commander, 82d Airborne Division.

To France

Reiser, Andre K, Ft Hood.

2d Lieutenant

To Stu Det USAAVNS, Ft Rucker

From Ft Knox:
Christine, A R — Jenks, John D, jr
Fennell, John F, jr — Wilson, Thomas M

To Germany

Hwalek, Ronald T, Ft Riley.
Williams, Donald W, Ft Meade.

From Ft Knox:
Blunck, Leg G — Foster, Kerry A

—Continued on next page

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SAC B-47s Will Fly In "Ivory Tower"

Two 400-to-500-mile long low level air routes have been approved by the Federal Aviation Agency for the use of Strategic Air Command to meet essential military training requirements.

The new routes, designated "Walnut Grove" and "Ivory Tower," will be flown by SAC's B-47 aircraft at specially approved high speeds, but well under the speed of sound, for a 30-day period beginning 2 May to evaluate low level navigation and bombing tactical training being conducted under the command's previously established Oil Burner operations.

"Walnut Grove" runs northerly from North Platte, Nebr. to Bismarck, N. D. "Ivory Tower" runs westerly from Augusta, Ga. to Laurel, Miss.

The routes, which are about 20 miles wide, will be operated 16 hours a day, 5 days per week, beginning early evening and running through the night to the following mid-morning.

Army Orders

From preceding page—

ARTILLERY—

Colonel

Greenlee, Halford R, Carlisle Bks, to US Fld Det K OACSI, Wash, DC.
Blumenfeld, Charles H, Ft Baker, to USA ROTC Instr Gp, Cornell Univ, Ithaca, NY.
Tait, Albert L, Carlisle Bks, to OUARMA Am Em, Karachi, Pakistan.

Lt Colonel

Sumstad, John, Ft Sill, to ARMISH/MAAG, Teheran, Iran.
Magathan, Wallace C, Princeton, NJ, to ODCSOPS USA, Wash, DC.
Adams, Billy J, Ft Sam Houston, to USA Log Mgt, Ft Lee.
Tomlinson, William H, Tuscaloosa, Ala, to ODCSPER USA, Wash, DC.
Hennesey, James T, Carlisle Bks, to ODCSOPS USA, Wash, DC.
Locksley, Norman M G, Carlisle Bks, Pa, to USA Elm Hq AFSE, Naples, Italy.

To Germany

Kays, Lee G, Newport News, Va.
Clarke, Howard P, jr, Ft Thomas, Ky.
Ahlgren, Frederic F, Ft Monroe.
Irvine, George W, Ft Sill.

Major

Johnston, Homer W, Louisville, Ky, to Hq 3d Region USARADCOM, Ellsworth AFB, S Dak.
Matchick, Andrew (AS) Ft Meade, to Hq USASA, Europe, Frankfurt.
Sembach, Leon, Charlottesville, Va, to OACSI USA, Wash, DC.
LaPrad, Quentin C, Ft Leavenworth, to USA Air Def Cen, Ft Bliss.
Griffin, Bobbie A, Los Angeles, to USA AD Bd, Ft Bliss.
Erdman, George W, New Orleans, La, to ODCSLOG USA, Wash, DC.
Ackerly, William G, Ft Bliss, to Korea.
Reeves, Fred D, Colorado Springs, Colo, to 40th Arty Bde, Ft Barry.
Lewis, Mose E, Syracuse, NY, to USA Avn Cen, Ft Rucker.

Captain

Galloway, Charles W, Ft Bragg, to USA CA Sch, Ft Gordon.
Toepel, Adalbert E, Atlanta, Ga, to USA-AVNS, Ft Rucker.
Veatch, Austin K, jr, Atlanta, Ga, to USA-AMC, Ft Sill.

To Korea

Laufer, Robert D, Eureka, Pa.
Provenzano, Thomas G, Wash, DC.
From Ft Sill:
Burke, Robert J Medows, Benjamin T

To Germany

Burkhalter, Harry C, jr, Ft Chaffee.
McCarley, Fred S, jr, Ft Lewis.
Smith, Joseph J, jr, Milford, Mich.
Stroude, Gilbert M, Travis AFB, Calif.
Meredith, Herbert J, Ft Hood.
Moody, William B, Cp Hanford, Wash.
Plinske, Vernon H, Ft Lewis, Wash.
Schaefer, Jack F, Plainville, Conn.

1st Lieutenant

Chambers, Jay W, Ft Meade, to USA Gar, Arlington Hall Sta, Arlington, Va.
Krahn, Wayne E, Ft Bliss, to Stu Off Co USAAVNS, Ft Rucker.
Gerasimon, Gerald G, Redstone Arsenal, Ala, to 82d Admin Co, Ft Bragg.

—Continued on next page

4 In AF Win 3-Star Posts; 9 Other General Officers Move

President Eisenhower has nominated four Air Force major generals for three-star rank and assignments as Commander of Allied Air Forces Southern Europe, Chief of Staff of U. S. European Command, Deputy Director of Defense Research and Engineering and Commander of the Military Air Transport Service.

The nominations were received in the Senate 18 April. They would switch:

Maj. Gen. Ralph P. Swofford, jr., from duty as Vice Commander, Air University to Commander, Allied Air Forces Southern Europe, replacing Lt. Gen. Richard C. Lindsay, who will retire;

Maj. Gen. Edward H. Underhill from duty as Senior AF Member, Military Studies and Liaison Division, WSEG, OSD (R&E) to Chief of Staff, U. S. European Command, replacing retiring Lt. Gen. Glenn O. Barcus;

Maj. Gen. Donald N. Yates from Commander, AF Missile Test Center to Deputy Director of Defense Research and Engineering (Ranges and Space Ground Support); and

Maj. Gen. Joe W. Kelly from Commander, Air Proving Ground Center, Eglin AFB, Fla., to Commander, Military Air Transport Service replacing Lt. Gen. William H. Tunner, who will retire.

The following nine general officer changes have been announced by Air Force Headquarters:

Maj. Gen. Paul E. Ruestow, Commander of the Middletown Air Materiel Area, will retire 30 June.

Brig. Gen. Edgar W. Hampton, will move from Commander of the 323d Air Division (MATS) to Commander of the 1501st Air Transport Wing (Heavy) (MATS), both at Travis AFB, Calif., by May.

Brig. Gen. Frederick J. Sutterlin, Deputy Director for Operational Resources, DCS/O, USAF Headquarters, will report as Commander of the 839th Air Division, TAC, Sewart AFB, Tenn. He will be succeeded in the Pentagon by Col. Jamie

The mix for peace:

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TODAY the Strategic Air Command has the Atlas ICBM and the B-52 bomber. Tomorrow, in the day of the second generation ICBMs, we will need an even more advanced airplane with global striking power. The multi-purpose B-70 Valkyrie is being developed to meet this need ... to provide America with a true balance of manned and unmanned weapons. This 2000 mph manned bomber, with its advanced equipment and multiplicity of weapons, could take off from U.S. bases and strike almost any trouble spot in the world within three hours.

In this thermonuclear age, our mixed retaliatory power must be more resourceful, more versatile than ever before.

Gough, reporting from duty as Deputy for Operations, 9th Air Force, Shaw AFB, S. C.

Brig. Gen. James W. Wilson, will switch from Inspector to Director of Materiel for SAC, Offutt AFB, Neb., upon the departure of Maj. Gen. John D. Ryan.

Brig. Gen. Loren G. McCollom, AFCDD Deputy Commander, Hanscom Field, Bedford, Mass., will become Commander of Detachment 4 of the Air Defense Command's 4608 Support Squadron at Hanscom.

Brig. Gen. Selmon W. Wells, Commander of SAC's 45th Air Division, Loring AFB, Me., will become SAC Inspector General, Offutt AFB, Neb.

Brig. Gen. Frank B. James, Deputy Chief of Staff, North American and Continental Air Defense Commands, Ent AFB, Colo., will become Deputy Chief of Staff for Programs upon the departure of Brig. Gen. Arthur J. Pierce. He will be succeeded by Col. Harris B. Hull, reporting from duty as PACAF Assistant Chief of Staff for Intelligence.

Brig. Gen. John A. McDavid will report from duty as Chief of SAC's Communications-Electronics Division, Offutt AFB, Neb., to become Deputy Director (J-6) of Communications-Electronics for the Joint Chiefs of Staff.

Brig. Gen. Ariel W. Nielsen, Commander of SAC's 21st Air Division, Forbes AFB, Kans., will become Deputy Director (J-5) for Policy for the Joint Staff, JCS.

Manpower Study

From first page—

The others would include two Senators, two Congressmen and six private citizens.

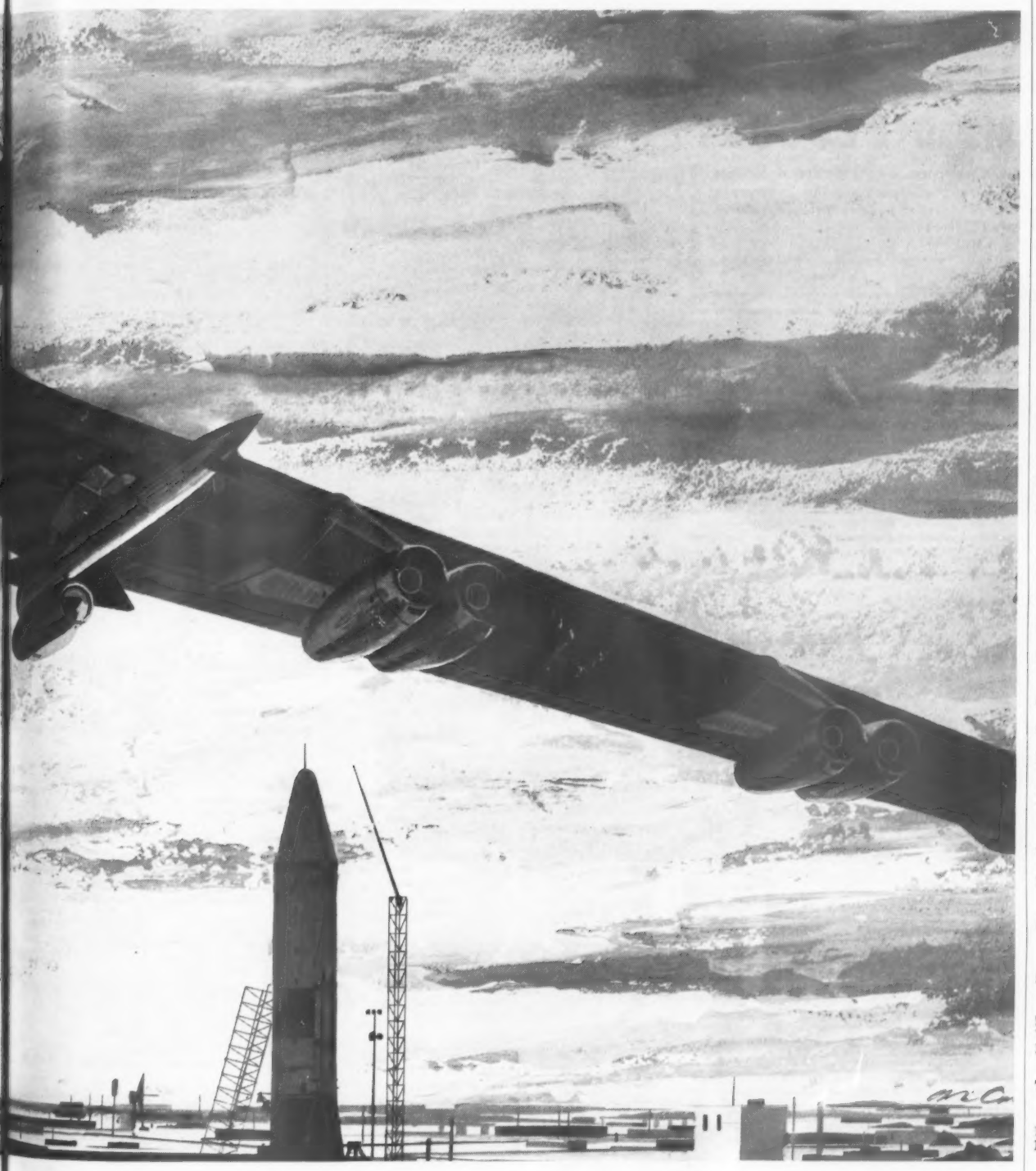
Senator Wiley's recommendation was presented in the form of a joint resolution (SJ Res. 188), providing for establishment of a "Commission on Manpower Needs for Defense in the Space Age." It was referred to the Senate Armed Services Committee for action.

Purpose of the Commission, Senator Wiley said, would be to:

- Determine the impact of the space age upon manpower requirements of the Armed Forces;
- Evaluate the adequacy of existing programs for training personnel of the Armed Forces to operate and service the advanced weaponry of the space age;
- Determine where, and how, the lack of trained personnel impairs or lessens the value of technological advances in weaponry;
- Eliminate overlapping, duplication and unnecessary rivalry in the Armed Services in utilizing personnel;
- Explore the need for training requirements of the civilian components of national defense; and
- Recommend ways and means for providing and effectively utilizing adequately trained manpower.

Senator Wiley said "The far-reaching impact of space weapons on our defense, I believe, requires no less than a top-to-bottom review, accompanied by recommendations for remodeling the defense system to equip us for the future."

He said the question of adequate manpower "deserves consideration equal to that of development of weapons systems."



It must be capable of striking back with a retaliation so devastating that no potential enemy would dare aggression. In short, we must have the power of *total retaliation*—plus the swift, all-round capability to meet any threat to world peace, anywhere, anytime.

To maintain this effective force for peace, we must have *in being* a careful balance of weapon systems. Missiles alone cannot provide for the full spectrum of military action to meet any situation. Some victories are achieved only by the unique abilities of man. Man alone has the ability to reason, think, exercise judgment, observe, make spot decisions. Only a man can investigate, report, and return. And most significantly, only a manned weapon system can be put into instant action yet still be recalled before the final commitment to strike.

This is why the Mach 3 B-70 is being developed—to assure America of a secure retaliatory force in the future. And with this force rests our hope for a durable peace. For this is the only way the Free World can truly win: not by waging a third world war—but by preventing it.

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Army Orders

From preceding page—

To Hawaii

Neher, Kenneth R, Ft Benning.

To Korea

Anderson, John C, Ft Hood.
Surface, Vaughn E, Ft Carson.
Blake, Wilbert L, Ft Hood.

CORPS OF ENGINEERS—

Lt Gen Emerson C Itschner, C of E

Colonel

Dunn, Carroll H, Thule, Greenland, to USA Engr Cen, Ft Belvoir.
Jackson, Warren R, Ft Benning, to USA Engr Div North Atlantic, w/sta Baltimore.
Hyzer, Peter C, Ft McNair, DC, to USA Elm MAAG, Taiwan, Taipei.
Brown, Herbert E, Chicago, to USA Instr Unit, Univ of Texas, Austin.
Banks, Charles H, Carlisle Bks, to USA Elm Director of Mil Application, USAEC, Germantown, Md.
Jones, William P, jr, Carlisle Bks, to Hq Fourth USA, Ft Sam Houston.

Lt Colonel

Dice, Robert L, Memphis, Tenn, to USA ADGRU Korea, Yongsan.
Koch, Bruce C, Baffin Island, Canada, to USA CGSC, Ft Leavenworth.
Hutchison, Russell J, Wash, DC, to USA Engr Dist Trans East Med Div, Karachi, Pakistan, w/sta Dhabran, Saudi Ababa.
Cannon, C Craig, Carlisle Bks, to ODCSLOG USA, Wash, DC.
O'Brien, William J, Boston, to USA Gar, Ft Hood.
Barwick, William R, Ft Hood, to USA Engr Div, North Central, Chicago, w/sta Detroit.
Fisher, George, Ft Belvoir, to OC of Engr USA, Wash, DC.

Major

White, Robert F, Ft Belvoir, to USA ADGRU Korea, Yongsan.
Boerger, Frank C, Ft Leavenworth, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey.
Garr, Arthur S, Bethlehem, Pa, to USA Elm MAAG, Vietnam, Saigon.

Captain

Stipo, Vito D, Ft Belvoir, to USA Engr Dist Eastern Ocean Fgn Asg, w/sta Thule, Greenland.
Miller, George F, Bethlehem, Pa, to Korea.
Williams, Franklin A, Ft Belvoir, to France.
Morton, Hurshall G, Ft Belvoir, to USATTCG, New Orleans, Army Term, N Orleans, La.

To USA Engr Dist Eastern Ocean Fgn Asg Pers, w/sta Sondrestrom, Greenland

From Ft Belvoir:
Martin, Jack W — Runquist, Joseph J
Pledger, Walter R

To Hawaii

From Rolla, Mo:
Anderson, William A — Lemke, Merrill M

To Germany

Smith, Clair B, Dugway, Utah.
Shultz, Robert H, jr, Raleigh, NC.
Hartwell, Ira L, jr, Ft Benning.

1st Lieutenant

Helpp, William A, Ft Leonard Wood, to Korea.

From Ft Belvoir, to Station Indicated

Poteat, John A, jr, USMA, West Point.
Marcy, Edwin J, jr, USA Map Svc, Wash, DC.

To Stu Det Hq Sixth USA, Presidio of SF, w/sta Univ of Calif, Berkeley

Yore, Joseph A, Ft Hood.

—Continued on next page

Reorganize Army's Livorno Port Command

In a reorganization move setting up several key subordinate commands to provide for a more rapid expansion in event of any future emergency, the U. S. Army's port supply command at Livorno, Italy, has become the 8th Logistical Command. The command will continue to be an element of the Southern European Task Force (SETAF).

Prior to its redesignation, the command was known as the U. S. Army Logistical Command, SETAF, with its many supply, port, transportation and maintenance activities reporting directly to a single overall headquarters at Camp Darby.

The reorganization additionally provides for separate command structures for the general depot, the Army port near Livorno and the supply and maintenance team in Northern Italy supporting the 1st Missile Command (U. S. Army).

Col. Dale D. Dixon continues to command the Logistical organization.

Army Orders

From preceding page—

Wegley, Frederick L, jr, Ft Leonard Wood.
Johnstone, Homer, jr, Ft Campbell.
Cremer, Robert D, jr, Ft Benning.

To First USA Stu Det, Governors Is, w/sta Princeton Univ, Princeton, NJ

Gallup, Elisha L, jr, Ft Belvoir.
O'Shei, Donald M, Ft Bragg.
Sisinyak, Mark J, Ft Campbell.

2d Lieutenant

Norman, James G (AI) Ft Bragg, to Hq & Hq Co Off Stu Det USALS, Presidio of Monterey.

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O

Colonel

Goodrich, Raymond H, Carlisle Bks, to USA Sig Gar, Ft Monmouth.
Haffa, Robert P, Ft Monmouth, to OC Sig O USA, Wash, DC.
Fulton, James H, Long Island City, NY, to Hq Fifth USA, Chicago.
Lewis, Harry J, Ft Meade, to USA Sig Gar, Ft Monmouth.
Koerner, Eldon A, Wash, DC, to France.
Gibbs, Charles W, Ft Monmouth, to Korea.

Lt Colonel

Duncan, Carl O, Ft Sam Houston, to Stu Det Hq & Hq Co USALS, Presidio of Monterey.
Barnes, Robert T, White Sands Msl Range, to USA Elm Hq ALFSEE, Izmir, Turkey.
Drazen, Leonard, Arlington, Va, to USA SIG Gar, Ft Monmouth.
Quashnock, Emro J, Wash, DC, to USA STD Gp, Wash, w/sta Ottawa, Canada.

Major

Earhart, Daniel E, Sacramento, to Hawaii.
Clark, Jack A, Ft Lewis, to USACAN Sta Philippines, Clark AB, Luzon, PI.
Mulcahy, Thomas A, Worcester, Mass, to USA Elm Hq SHAPE, Paris, w/sta Allied Land Forces, Norway, Oslo.
Kearins, Patrick F, Wash, DC, to USA Elm Hq Pac Comd, Cp H M Smith, Hawaii.
Donnelly, James D, Wash, DC, to USA ADGRU, Korea, Yongsan.

To USA Elm MAAG Taiwan, Taipei

From Ft Leavenworth:
Hill, Ralph E Weinstein, Marvin S
Whisler, John L

To Germany

Adams, Ray F, Philadelphia.
Burton, Royce E, Albany, NY.

Captain

Donovan, Jerome V, Wash, DC, to Okinawa.
Shotwell, Jack B, La Plata, Md, to USAR CARIB (Panama).
Messer, Melvin, Ft Monmouth, to USA Elm MAAG, Vietnam, Saigon.
Martin, Raymond L, Ft Leavenworth, to USA Elm MAAG, Taiwan, Taipei.
Peel, Norman E, Wash, DC, to Hawaii.
Kasper, Charles L, Bismarck, NDak, to USA ADGRU, Korea, Yongsan.

To 7th Sig Bn, Louveciennes, France

Kerson, Lee N, Ft Bragg.
Rushing, Robert O, Ft Sam Houston.

To USA Elm MAAG, Taiwan, Taipei

From Ft Leavenworth:
Martin, Raymond L Torrey, C T, jr
From Ft Monmouth:
Doepner, Thomas W Monahan, L P
Kennedy, William J

To Germany

Cooke, Woodrow P, Cincinnati, O.
Kiser, William N, Ft Monmouth.
Sheriff, Francis J, Philadelphia.

1st Lieutenant

Spence, Richard R, Ft Dix, to 7th Sig Bn, Louveciennes, France.
Siegel, Nielsen A, Ft Huachuca, to Off Stu Co USAAVNS, Ft Rucker.
Height, Israel E, Ft Huachuca, to Okinawa.
White, Charles E, Ft Monmouth, to Stu Det Hq Sixth USA, Presidio of SF, w/sta USN Postgraduate Sch, Monterey.
Turner, Edwin H, Ft Huachuca, to USA Gar, Ft Monmouth.
Delk, Claude W, Ft Leavenworth, to Off Stu Co USA Avn Sch, Ft Rucker.
Clark, Dennis J, Pasadena, Calif, to USA Elm Hq ALFSE, Izmir, Turkey.

To Germany

Allan, Joseph D, Ft Huachuca.
Bratcher, Dewey F, jr, Ft Knox.
Miller, Frederick T, Ft Sheridan.

2d Lieutenant

Lambert, Keith A D, (AI) Ft Carson, to Hq & Hq Co Off Stu Det USALS, Presidio of Monterey.
Davis, Philip A, Ft Gordon, to USA Elct Pr Gr, Ft Huachuca.

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG

Lt Colonel

Fordyce, Robert C, Los Angeles, to USA Elm MAAG, Taiwan, Taipei.

Major

Brannock, Robert C, Ft Leavenworth, to USA Elm MAAG, Taiwan, Taipei.

Captain

Lee, Lawrence J, Yuma, Ariz, to USA ADGRU Korea, Yongsan.
Jansen, Willis C, sr, St Louis, to Hq Fourth USA, Ft Sam Houston.
Shanaberger, Eunice E, Ft Meade, to Germany.

JUDGE ADVOCATE GENERAL'S CORPS—

Maj Gen George W Hickman, jr, TJAG

Major

Herget, Richard P, Wash, DC, to Hq USA TTC (Arctic) Ernest Harmon AFB, Newfoundland.

QUARTERMASTER CORPS—

Maj Gen Andrew T McNamara, QMG

Colonel

Overby, Carl H, Ft Lee, to USA Elm USAF Exch Svc, NY, w/sta Baltimore.
Ritchie, Ernest L, Ft Bliss, to USA ADGRU Korea, Yongsan.

Lt Colonel

Spellman, James W, San Francisco, to USA Ord Msl Comd, Redstone Arsenal, Ala.

Major

Ham, William W, jr, Ft Worth, to France.

Captain

To USA ADGRU Korea, Yongsan

Kilpatrick, Paul E, Ft Lee.
Hensel, Raymond G, Tuscaloosa, Ala.
Ross, Harry R, Wash, DC, to Germany.

1st Lieutenant

McCann, Thomas P (AI) Monterey, to Germany.
Massabni, Fadlo M, Monterey, Calif, to USA Elm USTMSA, Riyadh, Saudi Arabia.
Ross, Vaughn C, Ft Lee, to Korea.

MEDICAL SERVICES—

Lt Gen Leonard D Heaton, SG

Medical Corps

Colonel

Jacobs, Eugene C, Ft Monroe, to USA Council of Rev Bd, Wash, DC.

Lt Colonel

Vedder, Henry C, Ft Monmouth, to USA Med Fld Actv U, WRAMC, Wash, DC.
Zimmerman, Douglas A, Ft Bragg, to USAH, Ft Carson.
Rauscher, Robert C, Tacoma, Wash, to USA Elm Panama CZ, Balboa Heights, CZ.
Thomas, Joseph W, Ft Sam Houston, to France.
Schoefflin, Adolphe J, Walson AH, Ft Dix.

To Germany

Caskie, James D, Denver.
Schoenbucher, Albert K, El Paso, Tex.

Major

Carlton, Donald C, Ft Knox, to Okinawa.

From Ft Sam Houston, to Station Indicated

Boyd, Howard A, USAH, Ft Sill.
Wright, Lloyd T, USAH, Ft Huachuca.
Tucker, Edgar A, Korea.

To Germany

Burkett, Harry E, Ft Sam Houston.
Sundre, Robert L, Ft Gordon.

Captain

King, William P, Wash, DC, to Ireland AH, Ft Knox.
MacNair, Donald S, Wash, DC, to Japan.

From Ft Sam Houston, to Station Indicated

Farmer, Billy L, William Beaumont GH, El Paso.
Hartvigsen, Robert E, Letterman GH, Presidio of SF.
Walton, Spencer, USAH, Ft Gordon.
Longway, Ralph E, Germany.
Appleton, Budd, USAH Ft Hood.
Brandt, Fred A, Hq Fifth USA Stu Det Chicago, Ill, w/sta at Barnes Hosp, 600 South Kingshighway, St Louis.
Hunt, Albert C, Martin AH Ft Benning.
Kawas, Elias E, USAH Ft Campbell.
Morss, Dwight F, jr, Womack AH Ft Bragg.
Neidlinger, Robert W, Hq First USA Stu Det Governors Island, NY, w/sta at Univ of Rochester Atomic Energy Project Sch of Medicine and Dentistry Univ of Rochester, Rochester, NY.
Snyder, Dale R, USA Cml Warfare Lab (1501) Army Cml Cen, Edgewood.
Wills, Alfred G, USAH Ft Carson.

To Korea

From Ft Sam Houston:
McCune, Frederick K Schoenfeld, Jay R

Dental Corps—

Maj Gen James M Epperly, Chief

Lt Colonel

Burke, Allyn D, Ft Lewis, to Brooke GH BAMC, Ft Sam Houston.
Miller, William K, Ft Eustis, to USA Gar Ft Jackson.

Captain

Palumbo, Frank L, Sault Ste Marie, Mich, to USA Gar, Ft Benjamin Harrison, Ind.

Medical Service Corps—

Col Roy D Maxwell, Chief

Lt Colonel

Leary, John J, Minneapolis, to BAMC, Ft Sam Houston.
Covey, William T, Ft Meade, to USA Disp Ft Myer, Va.

Major

Strobel, Edward M, Tacoma, Wash, to OTSG USA, Wash, DC.
Mericle, Jack H, Ft Benning, to WRAMC Wash, DC.
Thomas, Douglas S, Ft Carson, to Korea.

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Flitsch, Frank E, Ft Sam Houston, to Hq USARYIS, Okinawa.

Captain

Saylor, William L, Ft Meade, to Stu Det Hq Sixth USA, Presidio of SF, w/sta USN PG Sch, Presidio of Monterey.
Rea, Robert L, Cincinnati, O, to Stu Det AMSS BAMC, Ft Sam Houston.
Ginsberg, David M, Knoxville, Tenn, to WRAIR WRAMC, Wash, DC.
Touchette, Norbert E, Ft Monroe, to Stu Det MDW USA, Wash, DC, w/sta Geo Wash Univ, Wash, DC.
Johnson, Wirt V, Ft Jackson, to Stu Det Fourth USA, Ft Sam Houston, w/sta Univ of Arkansas, Fayetteville.
Hughes, Donald C, Ft Devens, to Hq USARYIS, Okinawa.
Moill, Louis J, Ft Sam Houston, to William Beaumont GH, El Paso, Tex.
Cross, John R, Ft Sam Houston, to Korea.
Lyons, Eugene T, Wash, DC, to Germany.

To France

Austin, Owen W, Ft Hood.
Beck, Herman L, Ft Sam Houston.
Matthews, Henry S, 3d, Ft Sam Houston.
Greenlaw, Patrick J, Ft Hood.

1st Lieutenant

Wilson, Theodore, Ft Bragg, to USAH, Ft Meade.

To Germany

Fields, Robert E, Ft Leonard Wood.
Worrell, Robert, jr, Ft Campbell.
Harling, John T, Ft Campbell.
McLeod, William R, Ellsworth AFB, S Dak.
Clegg, George J, Ft Totten, NY.

To France

Gridley, John S, jr, Ft Benning.
Lehoux, Gerard J, Wilmington, O.

2d Lieutenant

To Germany

Hopkins, Richard L, Ft Hood.
Scott, Gordon W, Ft Ord.

Veterinary Corps—

Brig Gen Russell McNellis, Chief

1st Lieutenant

Cheney, Ralph L, Baltimore, to Second USA Med Lab, Ft Meade.

Army Nurse Corps—

Col Margaret Harper, Chief

Major

Burkhead, Florence A, San Francisco, to Germany.

Captain

Goble, Anne R, Ft Carson, to Germany.

2d Lieutenant

Garrett, Shirley M, El Paso, Tex, to Fitzsimons GH, Denver.

ORDNANCE CORPS—

Lt Gen John H Hinrichs, C of Ord

Colonel

Saholsky, Bolick A, Wash, DC, to USA Trans Mat Comd, St Louis.

Lt Colonel

Maroukian, Martin L, Ft Monroe, to USA Elm JUSMMAT, Ankara, Turkey.
Cumbie, Walter P, Wash, DC, to USA Elm MAAG, Italy, Rome.
Morgan, Vernon W, Wash, DC, to Off Stu Det Hq & Hq Co USALS, Presidio of Monterey, Calif.
Fuller, Robert A, Wash, DC, to Hq Fifth USA, Chicago.

Major

Leist, William C, Ft Leavenworth, to USA Instr Gp, Fla, Univ of Florida, Gainesville.
Losch, Joseph W, Ft Sill, to USA Elm Hq Allied Land Forces Southeastern Europe, Izmir, Turkey.
Williams, Carl E, Redstone Arsenal, Ala, to France.

Captain

Bryant, James R, Parsons, Kans, to Hq Second USA, Ft Meade.
Martin, Charles D, White Sands Msl Range, N Mex, to USA Elm MAAG, Taiwan, Taipei.
Kelley, Philip G, Aberdeen Pr Gr, to USASETAF.

To First USA Stu Det, Governors Is, NY, w/sta Babson Institute, Wellesley Hills, Mass

Jensen, Harold E, Watertown, Mass.
Davis, Conrad, Centerline, Mich.
Sims, Thomas A, Redstone Arsenal, Ala.

To USA Gar, White Sands Msl Range, NMex

From Aberdeen Pr Gr:

Andolina, Edward S Bert, Raymond F

To Hawaii

From Aberdeen Pr Gr:

Simpson, Russell A Ferguson, Jerry R
Stupakwicz, Henry W Byers, Robert E
Wray, George W

1st Lieutenant

Comer, Winston L, Suitland, Md, to USA Gar, White Sands Msl Range, NMex.

2d Lieutenant

Lampers, Andrew, Ft Bragg, to France.

To Germany

Daly, Terence J, Ft Bragg.
Riley, Harvey W, Ft Ord.

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C Cml O

Lt Colonel

Micheau, Charles G, Norfolk, to XVIII Abn Corps, Ft Bragg.

Major

Carnes, Charles W, Ft McPherson, to USA Instr Gp, Ga, w/sta Ga Institute of Technology, Atlanta.
Duncanson, Jay O, Wash, DC, to USA Elm Hq Allied Forces Southern Europe, Naples.
Forsthoff, Charles W, Ft Monroe, to Hq USARYIS, Okinawa.
Kraftsow, Morton, Ft McClellan, to Hq USAARMS, Ft Knox.
Barth, Delbert S, West Point, to OCCMLO, Wash, DC.
Burke, Martin J, jr, Ft Leavenworth, to USA Elm MAAG, CAMBODIA, Phnom Penh.

Captain

Moore, Fred S, Dayton, O, to 81st Cml Gp, Ft Bragg.
Stillson, Claude E, Chicago, to USA Ord Depot Black Hills, Igloo, SDak.

From Ft McClellan, to Station Indicated

Johnson, Jodie, jr, USA Cml C Bd, Army Cml Cen, Md.
Petterson, Charles W, Hq Fifth USA, Chicago, Ill.
Schultz, Arthur H, Second USA Spt Elm Ft George G Meade, Md.
Skanchy, Rex K, 81st Cml Gp (FA) Ft Bragg.
Winegar, Lucien T, First USA Stu Det Governors Island, NY, w/sta Syracuse Univ, Syracuse, NY.
Young, Harrison J, jr, USA Cml C Pr Gr, Dugway Pr Gr, Dugway, Utah.
Dieterle, John H, 2d Armored Div, Ft Hood.
Mullins, Egbert E, USA Cml C Intel Agcy Arlington Hall Sta, Arlington, Va.
Payne, Delbert S, USA Gar Cp Irwin.
Pederson, Duane M, USA Cml Warfare Lab Army Cml Cen.
Yee, George S, USA Cml Warfare Lab Army Cml Cen.
Dilbeck, Thomas J, Memphis Gen Deo USA, Memphis, Tenn.

1st Lieutenant

Mooney, Robert E, jr, Army Cml Cen, to Hq Sixth USA, Presidio of SF.
Kawakami, Richard K, Ft Bragg, to USAR YIS, Okinawa.

CHAPLAINS CORPS—

Maj Gen Frank A Tobey, C of C

Lt Colonel

Cheatham, Richard B, San Francisco, to OCOFCH USA, Wash, DC.
Sparks, John W, Ft Slocum, to Germany.

Major

Casey, George T, Syracuse, NY, to Germany.

Captain

Wilson, Robert D, New York, NY, to USA ChSch, Ft Slocum, NY.
Coleman, James V, Wash, DC, to Hq Third USA, Ft McPherson.
Klett, Paul E, Newton Center, Mass, to USA Gar, Ft Ord.
Reynolds, Vincent T, Rebobeth, Mass, to USA Engr Cen, Ft Belvoir.
Lightcap, Thomas K, Las Cruces, NMex, to Okinawa.

TRANSPORTATION CORPS—

Maj Gen Frank S Besson, jr, C of T

Colonel

Oliver, George L, Wash, DC, to Hq 4th Trans Term Comd C, Ft Story.

Lt Colonel

Pachomski, John, Governors Is, NY, to Japan.
Deering, John M, New Orleans, to OCOFT USA, Wash, DC.
Michael, George P, Wash, DC, to USA Gar White Sands Msl Range, White Sands Msl Range, NMex.

To Korea

McAdams, Samuel C, Carlisle Bks, Pa.
Burt, Walter L, St Louis.

Major

Reed, Fred R, Ft Knox, to USA ADGRU Korea, Yongsan.
Broadhurst, Lansing E, Redstone Arsenal, Ala, to Philippine Islands.
Watson, George, Arlington, Va, to Delaware-Eastern Pa XXI USA Corps, w/sta North USARC, Philadelphia.
Roderick, John L, Ft Belvoir, to USA Trans TC, Ft Eustis.
Ernst, Henry S, jr, Ft Eustis, to Hq 10th Trans Bn, 4th Trans Term Comd, Ft Story.
Geary, John C, Wash, DC, to Stu Det Hq Sixth USA, San Francisco, w/sta Edwards AFB, Calif.
Oliver, Tillman C, Ft Leavenworth, to OCRD USA, Wash, DC.
Spears, Leroy C, Ft Eustis, to Korea.

Captain

Bearden, Richard D, jr, Ft Sheridan, to USA Engr Dist Gulf, Mediterranean Div, Teheran, Iran.
Dolan, Pierre J, Syracuse, NY, to USA Trans Mat Comd, St Louis.

RETIRED ACTIVITIES:

Adm. Dow Assists Westinghouse In ASW; Gen. Putt To Athens; B/G Clark Elected

ADMIRAL L. J. Dow, USN Ret. has been appointed staff assistant, anti-submarine warfare activities, a new position established in the defense products group of the Westinghouse Electric Corporation.

The announcement was made by Maj. Gen. Albert Boyd, USAF-Ret., Westinghouse vice president and general manager of defense products, who said that Admiral Dow will be responsible for coordinating "the many capabilities and resources of the corporation in the vital defense area of anti-submarine warfare."

Since 1957, when he first joined Westinghouse, Admiral Dow has served as executive assistant, Navy activities, in the company's Advanced Systems Planning Group in Washington.

Before his retirement, Admiral Dow was a member of the Advanced Study Group at the Naval War College, Newport, R. I., from 1953 until 1956.

General Donald L. Putt, USAF-Ret., President, United Research Corporation of Menlo Park, Calif., is a member of the United States delegation which will go to Athens, Greece, 20-23 June for the meeting of the NATO Advisory Group for Aeronautical Research and Development.

Brig. Gen. Harold L. Clark, USAF-Ret., Aurora Apartments Hotel in San Antonio, Tex., was elected national commander of the Order of Daedelians at their annual meeting held at Kelly AFB.

Other officers who will serve during 1960-61 are Col. Walter E. Richards of San Francisco, Calif., national vice commander; Brig. Gen. Max F. Schneider, 311 Alexander Hamilton Dr., San Antonio, national secretary-treasurer; and Maj. Gen. Edwin B. Lyon of Washington, D. C., national provost marshal.

Serving on the national board of directors is the past commander, Maj. Gen. Warren P. Carter, 1130 E. Mulberry; Col. William L. Boyd, 708 Canterbury Hill; Col. Arthur G. Hamilton, 596 Broadview Dr., West; Maj. Gen. James P. Hodges, 210 Larkwood Dr., (all of San Antonio); Lt. Gen. Harold L. George, Beverly Hills, Calif., Maj. William O. Butler, Maxwell AFB, Ala.; and Maj. Gen. Lyman P. Whitten, Washington, D. C.

All are retired Air Force officers with the exception of Major Butler who is on active duty at Maxwell AFB, Ala.

An interested spectator at the Sixth U. S. Army Pistol Matches completed at Ft. Ord was **Col. Harold P. Kayser, USA-Ret.** who 36 years ago was instrumental in developing a new kind of pistol shooting.

"They used to teach us to hold the pistol lightly and to brace ourselves with an unnatural stance," he recalled. "We just did everything opposite." The former Ft. Ord Chief of Staff, who lives at 282 Via Gayuba, Calif., demonstrated with his own .45 caliber service pistol.

Col. Frederick A. Henry, USAF-Ret., has been appointed Manager of Long-Range Planning for Summers Gyroscope Company, Santa Monica, Calif.

Colonel Henry retired in 1953 after 20 years of service in the Air Force and since that time has been associated in management with several industrial firms.

During his Air Force service, Colonel Henry was an instructor in the Industrial College of the Armed Forces in Washington, D. C. He was responsible for activation of the Directorate of Industrial Resources under the Deputy Chief of Staff, Materiel, in Air Force headquarters; and was the Air Force member of the Munitions Board Committee. He also served as Chairman of the B-47 Bomber Procurement Committee.

Maj. William R. Stevenson, jr., who has been chief of Plans and Programming, 1502d Air Transport Wing, since October 1958, has retired from the Air Force after 20 years and nine months active service. Colonel Gilbert G. Smith, jr., acting Wing commander officiated at retirement ceremonies. Orders announcing the retirement were read by Lt. Col. E. E. Ruoff, acting Wing executive officer.

Major Stevenson was presented a letter from Lt. Gen. William H. Tunner, MATS commander, expressing gratitude for his years of conscientious service and devotion to duty.

Major Stevenson, the son of Col. (Ret.) and Mrs. W. R. Stevenson, 17269 Zena Avenue, Los Gatos, Calif., served in the Pacific Theater during World War II and in Korea during the conflict there.

He is married to the former Beryl Maroe of Olympia, Wash., and they have one son, Gregory Allen, 3 years old. The Stevensons plan to make their home in Honolulu.

Lt. Col. Harvey To L.A.

Lt. Col. Raymond Harvey, Fort Riley Information Officer, has left to assume duties with the Los Angeles Branch of the U. S. Army Information Office.

Floro, Lawrence A, jr, Knoxville, Tenn, to USA Trans Rsch Comd, Ft Eustis.
Bradley, John J, Richmond, Va, to USA Elm MAAG, Taiwan, Taipei.
Robinson, Robert L, Ft Lewis, to USA AD GRU Korea, Yongsan.
Benson, Thomas E, Ann Arbor, Mich, to USA Trans Rsch Comd, Ft Eustis, w/sta Atlantic Energy Commission, Wash, DC.

From Ft Eustis, to Station Indicated

Biggersstaff, Jack, Ft Eustis, to USA ROTC Instr Gp, Columbus, O, w/sta Det No 9, Murray State College, Murray, Ky.
Coleman, James P, Fifth USA Instr Gp, Det 16, XIV USA Corps, Univ of Wisconsin, Madison.
Kaplan, Robert L, USA Trans Mat Comd, St Louis.
Lambert, Clifford V, Fifth USA Instr Gp, Det 1, Univ of Ill, Champaign, Ill.
Woodill, William R, USA Instr Gp, Oreg, Univ of Oreg, Eugene.

To Korea

Cowden, John E, Philadelphia.
Cummings, Arthur B, Hampton, Va.

1st Lieutenant

Ropp, Richard F, Ft Campbell, to USATTC, Ft Eustis.
Defatta, Vincent P, Ft McPherson, to USA Trans Rsch Comd, Ft Eustis.

To USA Trans Mat Comd, St Louis

Wagenheim, Herbert M, Ft McPherson.
McGee, Bernard A, Knoxville, Tenn.

To USA Trans Acft Test & Spt Activity, Ft Rucker

Welter, William L, Blacksburg, Va.
Matmuller, Norman A, Atlanta, Ga.

MILITARY POLICE CORPS—

Maj Gen Hayden L Beatner, PMG

Colonel

Dasche, Jay A, Redstone Arsenal, Ala, to Hq USASA Arlington Hall Sta, Arlington, Va.
Turner, Carl C, Wash, DC, to Hq XVIII Abn Corps, Ft Bragg.
Bucher, John C, Wash, DC, to Korea.

Lt Colonel

Rolak, Bruno J, Ft Gordon, to Germany.

Lt Colonel

Luk, William, Ft Bragg, to USA Gar, Ft Leavenworth, Kans.
Walterhouse, Harry F, Ft Jackson, to USA Civil Affairs Sch, Ft Gordon.
Smith, Leslie D, Philadelphia, to France.
Blossom, Charles C, jr, Wash, DC, to US Civil Admin of the Ryukus Is, Okinawa.

Captain

Plumb, John F, Lansing, Mich, to USA MP Det, Ft Ord.
Humphreys, Carl V (AS) Ft Meade, to TUSLOG Det 27, APO 254, NY.
Scearce, Troy W, Ft Belvoir, to PMG Cen USA, Ft Gordon.
Hoskins, Francis, Ft Bragg, to Hq Sixth USA, Presidio of SF.

—Continued on page 20

SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffert

Associate Family Editor
Bertie Johnson

USAF Cadet Choir Will Sing For Aid Society

The Air Force Academy's Protestant Cadet Choir will present three programs in the D. C. area during the weekend of 23-24 April.

Featured in the Air Force Festival of Music, the 80-voice choir will sing at Lisner Auditorium Saturday night, 23 April. The festival program also features the Air Force Symphony Orchestra and other USAF band units in a musical evening sponsored by the Air Force Officers' Wives' Club of Washington for the benefit of the Air Force Aid Society.

Enriching the Easter week musical fare, the group will participate in the Air Force Chapel of the Air on WTOP-TV Channel 9 on Sunday morning, 24 April at 8:30 a.m.

The choir will offer a special program of sacred music at the Evensong service at the Washington Cathedral, Sunday, 24 April at 4 p.m.

The choir is directed by James Roger Boyd, organist and choirmaster.

DRIVE STARTS 1 MAY FOR RELIEF ORGANIZATIONS

The Army's own charity drive, the annual joint Army Emergency Relief and Army Relief Society campaign, will begin 1 May, in line with the Army policy of "taking care of its own."

In a message about the Army's drive, General L. L. Lemnitzer, chief of staff, said:

"The joint fund campaign of Army Emergency Relief and the Army Relief Society will begin on 1 May. By our support of these two worthy organizations once each year, we make it possible for them to continue their important contribution to the morale and welfare of the Army.

"I urge that you give this campaign your vigorous support."

The AER serves military personnel and their families by making loans or grants in emergencies such as non-receipt of pay or allotments and some medical instances. The first step toward obtaining AER assistance is initiated by the individual's unit commander.

The relief society, monitored by the Chaplain Corps, administers to widows of Army personnel until regular Veteran's Administration aid is arranged, and in cases where widows are unable to obtain VA assistance through failure of the serviceman to sign waivers.

Ft. Buckner Women Launch Large Scale People-To-People Program On Okinawa

THE Fort Buckner Women's Club under the leadership of Mrs. Robert D. Offer, President, recently held the first Ryukyuan-American symposium on Okinawa, for two days. The symposium was organized following the suggestion of Mrs. John Ondrick, wife of Brig. Gen. John G. Ondrick, Civil Administrator for the Ryukyu Islands, and was under a committee headed by Mrs. Raymond Field.

The purpose was to provide a forum for exchange of ideas, encouragement of mutual understanding, and an opportunity for friendly association between members of the Fort Buckner Women's Club and the Okinawan Women's Club Federation.

Included among those present were the Federation's president, Mrs. Tsuru Yoshida and the vice-president, Mrs. Ikuko Nakasone.

The visiting Ryukyuan women were taken on conducted tours of many of the American installations, schools, stores, and recreational facilities, and fashion shows and teas were given for them.

The highlight was the address of the High Commissioner, Lt. Gen. Donald P. Booth. He congratulated them on their first symposium and then told the Women's Federation leaders that the women they represent are in a position in which to play an important part in determining the future nature of the Ryukyan society. General Booth specifically mentioned that the Federation could provide vigorous support to various economic developments which would raise the standard of living of this and future generations.

The visitors were deeply interested in such matters as education for their children, prevention and treatment of juvenile delinquency, happiness in the home, and better living conditions. They expressed a desire for closer association with, and better understanding of their American hosts, who could help them in their efforts to provide a more healthy, orderly, and prosperous community in which to rear their children.

The symposium was considered an outstanding success, praised by both American and Ryukyuan representatives. The special activities arranged for the group, the conferences, and the many hours spent together in discussion and recreation, provided the opportunity and the method to achieve the purpose of the symposium.

The Fort Buckner Women's Club, encouraged by the success of this year's affair and recognizing its genuine contribution to Ryukyuan-American friendship, looks forward to making the symposium an annual event.

Queen For Navy Relief

RADM. Carl F. Espe, USN, Commandant of the First Naval District, crowns Miss Nancy Gray, of Belmont, Carnival Queen. She will reign over the two-night event which benefits Navy Relief. The Carnival will be held at Murry Hall, Navy's recreation center, in South Boston, 19 and 20 May.

Aid Educational Fund

MRS. Christian S. Bauer, chairman of the Orlando AFB, Fla., Officers Wives Club Welfare Fund committee (Right), presents a check for $500 to Capt. Virginia R. Keenan, Air Force Aid Officer, to be used for the General Henry H. Arnold Educational Fund. Mrs. John Schaaf is president of the OWC.

VOLUNTEER OF THE MONTH

The family services volunteers of Pope AFB, N. C., have selected Mrs. Alfretta Smith, 235 Castle Drive, Fort Bragg, as volunteer of the month for March. Mrs. Smith is the wife of 1st Lt. Odell F. Smith, 464th Air Police Squadron.

Mrs. Smith, who has been a member of the office committee, was cited for her part in setting up the family services orientation program last month at the Service Club.

Mrs. Smith is also a member of the Pope Chapel Choir, the Protestant Women's Guild, and she occasionally assists in the Ft. Bragg Blood Bank program. She has three children—Lovetta, 7; Odell, jr., 6; and Jonathan, 3.

Club Calendar

Army Ordnance Ladies will meet on Wednesday, 27 April, 12 o'clock at Patton Hall, Ft. Myer. Lt. Gen. John H. Hinrichs, Chief of Ordnance, will be the guest speaker and has chosen for his subject, "Once there was an Ord-inance."

Honor guests will be Mrs. Courtney Johnson, wife of the Assistant Secretary of Army for Logistics and Mrs. Ralph Nelson, wife of the Chief Signal Officer.

In charge of arrangements for the luncheon is Mrs. Nelson M. Lynde, jr., wife of the Chief of Field Service Division, Office Chief of Ordnance. The general chairman will be Mrs. Joseph M. Heiser assisted by Mmes. Carl V. Kling, Raymond B. Graeves, John E. Harbert, Martin G. Megica and Albert D. Coleman.

The Deputy Chief of Staff for Logistics Woman's Club will hold its Spring dinner dance on 23 April, at the Ft. McNair Officers' Club. Lt. Gen. and Mrs. Robert Colglazier and the Assist. Sec. of the Army and Mrs. Courtney Johnson will receive.

Reservations for the black tie affair should be made with Mrs. Joseph Hegar, 4649 N. 17th St., Arlington, Va., by 19 April.

The ladies of the **Chemical Corps Wives Club** will be "springing" forth to their April luncheon on Thursday, 28 April, at 12 o'clock in the Crystal room, Patton Hall, Fort Myer, Va.

This luncheon is a special occasion to greet Chemical Corps' wives who have been invited from the Second Army Area. Mrs. Per Frolich is chairman and her hostesses are: Mesdames A. W. Meetze, Michael DeCarlo, Gordon Bushey, and Bernard Allen.

Service Folk

The reward of years of difficult work was reached in March when **Andy Holloway, 15-year-old son of Lt. Col. and Mrs. Chester C. Holloway, jr.,** of 415 Forest Park Blvd., Janesville, Wisc., was awarded the Eagle Scout badge. It was pointed out by the Boy Scout Executive who made the presentation that Andy's 12-year-old brother, Clay Holloway, had, indeed, lived up to the Scout creed, by helping Andy, who has been blind since he was 11. It was noted, too, that Andy is the only blind boy in the State of Wisconsin to achieve so high an honor in Scouting, and he has also received a novice license in ham radio. The oldest of four children, Andy has another brother, Mark, 15 months old and a three-months-old sister, Amy. They are the grandchildren of the late **Col. (DC, USA) and Mrs. James B. Mann,** and the great-grandchildren of the late **Col. (USA) and Mrs. Frank E. Hopkins.**

Miss Avery West, daughter of Col. (USA-Ret.) and Mrs. R. John West, jr., of Rt. 1, Morrow, Ohio, has recently been awarded a Fellowship for graduate study in the academic year 60-61, leading to a Master of Arts degree in Teaching, at Vanderbilt University, Nashville, Tenn. She will be graduated in June from the College of Arts and Science of Miami University, Oxford, Ohio, where she is an English major.

Mr. Charles Stevenson, Civilian Aide to the Secretary of the Army for the State of Missouri and Chairman of the Henry Leavenworth Chapter of the AUSA Awards Committee, recently presented the AUSA Ranger Award to **Douglas Terrel,** an ROTC Cadet from the Leavenworth High School.

Terrell, 16 year old son of Lt. Col. and Mrs. Mark H. Terrell of Fort Leavenworth, was cited for outstanding military performance. He organized a Ranger Platoon within the Cadet Corps.

Mrs. Hope Phillips, wife of Capt. R. S. Phillips, MC, USN, Commander of the U. S. Naval Medical Research Unit No. 2 on Taiwan, has been commended by VAdm. R. N. Smoot for her "outstanding efforts" on behalf of President Eisenhower's People-to-People program.

"When we realize your tremendous obligations as the wife of the commanding officer of one of the larger U. S. activities on Taiwan and the mother of five children, it is difficult to believe that you also have been able to teach at the Taipei American School and participate in several other activities that have contributed to the welfare of both the Chinese and American communities on Taiwan," the Taiwan Defense Commander said. "In all of these activities, through your quiet, friendly and efficient ways, you have earned the deep respect and friendship of many Chinese and Americans."

Visiting his parents, **Colonel and Mrs. Clark L. Hosmer,** 105 Yount Circle, Lackland AFB, Tex., this month is **2d Lt. Bradley C. Hosmer** who graduated in the first class at the U. S. Air Force Academy and who is now attending Oxford University as a Rhodes scholar.

Announcement of the appointment of **Mrs. William McElhanon** as chairman of volunteers of the Red Cross at Sheppard AFB, Tex. highlighted a recent informal luncheon. The announcement was made jointly by Mrs. Cliff Deaton, general chairman of volunteers for the Wichita County Chapter of the American Red Cross, and Mrs. Thomas E. Moore, wife of Brig. Gen. Moore, commander of Sheppard Technical Training Center.

The highest religious award given to to Boy Scouts, The God and Country Award, was presented to **Neil N. Snyder, III** by the National Committee of Scouting, Easter Sunday. Neil, a member of Troop 37, is the son of Lt. Col. Neil Snyder, Second Division Adjutant General, Ft. Benning. The 13 year old scout was presented the award by Chaplain (Major) James H. Fiser, Second Division Chaplain, at the 11 o'clock Easter Service at Sand Hill Chapel Number 5.

Service Weddings and Engagements

LT. GEN. (USA) and Mrs. Harry Purnell Storke of 1200 So. Courthouse Rd., Arlington, Va., announce the engagement of their daughter, Carolyn Mason, to Mr. Richard Edward Mueser, jr., son of Mr. and Mrs. Mueser of Bellerose, N. Y.

A May wedding at Boulder, Colo., is planned.

VAYO-MURPHY — RAdm. (USN-Ret) and Mrs. John D. Murphy of 2713 No. Norwood St., Arlington, Va., announce the engagement of their daughter, Joan Dorothy, to LCdr. Myles Paul Vayo, USN, son of Mr. Myles Eugene Vayo of Chelmsford, Mass., and the late Mrs. Vayo.

Photo by B. Bachrach
Miss Murphy

Miss Murphy, whose father is the Comptroller of the Retired Officers Association, was graduated from the Immaculata Seminary and Trinity College, Washington. She attended George Washington University and received an M.A. degree in History from Georgetown University, where she was elected to the Phi Alpha Theta, an honorary historical fraternity. She is now a teacher at St. Mary's School at Annapolis, Md. Her fiance, a graduate of Yale University, is serving with the Office of the Chief of Naval Operations.

The wedding is planned for 23 July at the Naval Security Station Chapel.

PASSARELLA-LUPICA—Mr. and Mrs. Salvatore Anthony Lupica of Washington, D. C., announce the marriage of their daughter, Regina Marie, to Lt. Patrick Francis Passarella, USA, son of Col. (USA) and Mrs. P. Francis Passarella of Arlington, Va., at St. Patrick's Catholic Church, Washington, 27 February.

Miss Mary Cullen was the bride's only attendant, and Midshipman Anthony H. Passarella, (USNA '61), served as his brother's best man. Ushers included Maj. Jacks S. Bailey, USA, Lts. Roger A. Quinn, USA, James P. Walters, USA, and Robert W. Roth, USA.

The bride was graduated from Dunbarton College of the Holy Cross and her bridegroom is USMA '59.

The couple will reside in Nurenberg, Germany.

HANSEN-ELLISON—Col. (USA-Ret.) and Mrs. Marvin Columbus Ellison, 214 Strawberry Lane, Clemson, S. C., announce the engagement of their daughter, Anne Rankin, of Atlanta, Ga., to Mr. Edwin Lewis Hansen, jr., also of Atlanta, son of Mrs. Edwin Lewis Hansen of Fredericksburg, Va., and the late Mr. Hansen.

Miss Ellison

Miss Ellison is a graduate of Duke University, having also attended schools in Tokyo and Munich. She is a member of Alpha Phi sorority and is currently employed by Delta Air Lines. Mr. Hansen is an attorney and is a graduate of the Mercersburg Academy, the University of Virginia and its Law School. A member of the Kappa Sigma and Phi Alpha Delta fraternities, he served his military duty as a lieutenant with the 307th Airborne Engineer Bn. of the 82d Airborne Division.

The wedding is planned for 9 July at the Ft. Hill Presbyterian Church, Clemson.

SKINNER-WALKER—Mr. and Mrs. Sears Walker of Winchester, Mass., announce the engagement of their daughter, Judith Vaughn, to Cadet William Joe Skinner, USMA, son of Mr. and Mrs. N. Jennings Skinner of Washington, Ind.

Miss Walker is a graduate of Colby Junior College and her fiance is a member of the Class of 1960 at the Military Academy.

The wedding is planned for 16 July.

WHALEN-HARRIS—Mrs. Hugo Maurice Quilici of 595 Ridge St., Reno, Nev., has announced the engagement of her daughter, Miss Kress Ryan Harris, to Mr. Brian Joseph Whalen, son of Mr. and Mrs. Luke Whalen of Boulder City, Nev.

Miss Harris, who is the daughter of the late Col. Albert Everett Harris, USA, is a senior student at the University of Nevada, where she is President of the Kappa Alpha Theta sorority and was recently named for "Who's Who in American Universities and Colleges." Mr. Whalen, who has completed his Army service, is an Engineering graduate of the University of Nevada, where he is now Assistant Engineer.

A June wedding is planned.

SEAWARD-JORDAN — Col. (USA) and Mrs. Howell H. Jordan of Cocoa Beach, Fla., announce the engagement of their daughter, Gladys Mona, to Cadet Richard Stout Seaward, USMA, son of Col. (USA) and Mrs. Gordon W. Seaward of 502 Ft. Sill Blvd., Lawton, Okla., and Saudi Arabia.

Miss Jordan

Miss Jordan is a graduate of Duke University and her fiance is a first classman at West Point.

ROISEN-BARTH—Col. and Mrs. Lee Douglas Barth, Qtrs. 551-B Presidio Blvd., Presidio of San Francisco, announce the engagement of their daughter, Dobbie Lee, to Mr. Benjamin A. Roisen, son of Mr. and Mrs. Martin E. Roisen of Northwood, Iowa.

Miss Barth, a senior student, majoring in Chemistry at the University of California at Berkeley, studied at Heidelberg, Germany and Neuchatel, Switzerland. Currently teaching Mathematics at the University of California, while working for a Ph.D. degree in that subject, Mr. Roisen is a graduate of Luther College in Iowa.

The wedding is planned for 12 June at the Presidio Post Chapel.

WOODRUFF-PETTY—Col. (USA-Ret) and Mrs. Travis Ludwell Petty of 88 Harwood Rd., East Greenwich, R. I., announce the marriage of their daughter, Sara Gifford, to Mr. Spofford Woodruff at St. Luke's Episcopal Church, East Greenwich, 9 April. The bridegroom is the son of Mr. and Mrs. Gerald Beckley Woodruff of Barrington, R. I.

Miss Milicey M. Mott of Washington, D. C., served as maid of honor for the bride, and Mrs. William B. Greenough, III, Misses Susan Eldredge and Elizabeth and Emily Balsam were her other attendants. Mr. Henry E. Gerber, jr., was best man and ushers included Messrs. William Chapin, Paul Chanley and David Petty.

Mrs. Woodruff was graduated from the University of Rhode Island, while her husband is an alumnus of Amherst College.

Following a Bermuda wedding trip, the couple will make their home at Kingston, R. I., where both are students in the Graduate School of the University of Rhode Island.

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Honor Naha AB Brides

AT the Naha Air Base Fighter Club, Okinawa, the Officers' Wives' Club honors a charming pair of brides with a morning coffee. President Fran Green pours for Suzanne Reed, at left, who married Lt. William E. Olander on 16 April and Joan Cavanaugh, who will marry Lt. Don Walsh on 23 April.

CREWS-LEVER—Mr. and Mrs. John E. Lever of Franklin, Ohio, announce the engagement of their daughter, Mary Bard, to Lt. William F. Crews, USA, son of Mr. and Mrs. Marvin W. Crews of Lynchburg, Va.

Miss Lever will graduate in June from Purdue University, where her fiance, a graduate of the USMA, is undergoing graduate studies in Engineering Science.

The wedding is planned for August.

BAUER-CRANE—Lt. Col. (ARNG) and Mrs. James Lindsay Crane of 2008 Bullard St., Montgomery, Ala., announce the engagement of their daughter, Edith Ruth, to Cadet David Woodfin Bauer, USMA, son of Mrs. Al Stutz of Manhattan Beach, Calif., and the late Mr. Clement David Bauer of Marion, Ala.

Miss Crane

Miss Crane, who was graduated *cum laude* from Judson College in Alabama, was listed in "Who's Who in American Universities and Colleges." She is now teaching in the Selma, Ala. Public School System. Her fiance attended Marion Military Institute before entering the Academy, where he is now a first classman.

The wedding is planned for 21 June at the Forest Park Baptist Church, Montgomery.

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ROOME-MUNROE — Col (USAF-Ret) and Mrs. Charles Lawrence Munroe, jr., Chez Nous, Ocean Springs, Miss., announce the engagement of their daughter, Lynn Duncan, to Mr. Peter Doremus Roome, son of Drs. Norman and Henrietta Roome of New York City.

Photo by Cofield's
Miss Munroe

Miss Munroe, a junior student at the University of Mississippi, attended St. Agnes Episcopal School, Alexandria, Va., and Carnegie Institute of Technology, where she was a member of the Kappa Alpha Theta sorority. Her fiance, who is a graduate of Columbia University, and attended Dwight Preparatory School, is a student at the Columbia Graduate School of Business, where he is coach of the freshman light weight crew. He is a member of the Alpha Delta Phi fraternity.

The wedding is planned for 4 June at Ocean Springs.

GRIFFITH-MITCHELL — Mrs. Ralph Molyneux Mitchell of Roxbury Rd., Shippensburg, Pa., widow of Colonel Mitchell, USA-Ret, announces the engagement of their daughter, Janie May, to Cadet Eugene Donald Griffith, jr., USMA, son of Mr. and Mrs. Griffith of Perry, Fla.

Miss Mitchell

Miss Mitchell, a graduate of Penn Hall Preparatory School, Chambersburg, Pa., is a senior student at American University, Washington, D. C. Her fiance is a first classman at the Military Academy.

The wedding, planned for 9 June, will take place at West Point.

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Send your contribution to "Cancer," in care of your local post office

Why Doesn't The Army "Make A Fight" To Kill Restrictions On Its Air Arm?

From first page—

a year or so ago."

General Trudeau said he guessed "Someone did not get the word."

Congressman Flood said he suggests "and Mr. Sikes is suggesting, that somebody should get the word and I think the burden is on the Army."

Committee Chairman George H. Mahon (D-Tex) remarked, "Somebody must take the message to Garcia."

"Or to Gates," Mr. Flood said.

Comments on the limitations on Army aircraft came during a discussion of airlift shortages.

Congressman Sikes noted that the Rivers House Armed Services Subcommittee, which is studying airlift problems, had painted a far from rosy picture of airlift capabilities. He asked, "Does the Army make any effort to get the problem of airlift insofar as it applies to aircraft for airlift into the hands of the Army?"

General Trudeau—The answer is no.

Mr. Sikes—Why not?

General Trudeau—We are still sticking by the policy decisions of 1956 in this connection.

Mr. Sikes—Why do you not seek to get those policy decisions changed?

Mr. Flood—You do not mean the Key West agreement?

General Trudeau—That is part of it, Mr. Flood.

Mr. Sikes—Why does not the Army make a fight to get away from that outmoded arrangement?

General Trudeau—The Army is only a component part of national defense. While we have been given exceptions on the empty weight limitation of 5,000 pounds on fixed wing aircraft, and 20,000 pounds limitation on rotary wing aircraft—and we have had exceptions, such as the Caribou and the Mowhawk—nevertheless, the existence of limitations is inhibiting as far as the development of aircraft is concerned.

Mr. Sikes—Apparently the Army accepts this ruling and takes it lying down and makes no effort to get this ruling changed insofar as this policy is concerned. You are not going to have a satisfactory airlift capability until it is in your own hands.

Maj. Gen. Robert J. Wood, Deputy Chief of Research and Development, said General Lemnitzer is working with Air Force Chief of Staff General Thomas D. White on the airlift problem and "his objective for the moment is to have the Air Force pick up the ball and do its mission. Only when and if he fails in that endeavor, will he decide to do something else."

Congressman Flood interrupted to say, "for 10 years, I have been pounding this cloth on this table here about this whole subject an dgot no place. You mean to tell me that finally in this year of our Lord 1960 . . . they are finally going to decide maybe we have got an airlift problem. Is the Army going to make any fight to take from the Air Force this whole problem of airlift?

Chairman Mahon commented that "General Lemnitzer has done a good job in telling us the Army view and I think we have to rest on that until we see." At a subsequent point in the discussion, however, he added his statement that "Somebody must take the message to Garcia."

Army Orders

From page 17—

2d Lieutenant

Dunn, Carroll W, Ft Carson, to Korea.

CHIEF WARRANT OFFICERS—

Duckorth, Harry D, sr, Granite City, to USA Elm Hq UNC/USK, Seoul, Korea.
Woodruff, Reo J, Lorton, Va, to Hq USARADCOM Ent AFB, ws/ta Ft Bliss.
Petty, Albert W, Denver, to Madigan Gen Hosp, Tacoma, Wash.
Cole, Albert S, Ft Myer, to USA Engr Dist Trans-East Med Div, Karachi, Pakistan.
Shaw, W-4 James L, Ft Ord, to Hq USATTC, Arctic Pepperell AFB, St John's Newfoundland.
Desideri, Edward N, Colorado Springs, Colo, to Stu Det Hq & Hq Co USALS, Presidio of Monterey.
Woodbeck, Carol E, Ft Sill, to Hq USA Ord Msl Comd, Redstone Arsenal, Ala.
Johnson, Jimmie E, Ft Sill, to Hq USA Ord Msl Comd, Redstone Arsenal, Ala.
Almy, Benjamin F, Ft Huachuca, to USA Elm NAAG Vietnam, Saigon.
Johnson, Mark E, Ft Totten, to Hq 5th Rgn USARADCOM, Ft Sheridan, w/sta Offutt AFB, Neb.
Bailey, Ernest D, Ft MacArthur, to Hq USARYIS, Okinawa.
Fletcher, Harry M, Ft Rucker, to 1st Avn Co, Ft Benning.
Jones, Louis K, Ft Sill, to USA ADGRU Korea, Yongsan.

To Korea

Pineiro-Ruiz, Jose, Brooklyn, NY.
Clifford, Cooper, Suitland, Md.
McDougald, W-2 Ernald A, Norfolk, Va.
Filbert, W-2 Earl J, Romulus, NY.
Stover, W-4 Glenn C, Ft Hood.
Liebig, W-3 Charles J B, Ft Lewis.
Chase, W-4 Stephens F, San Francisco.
Jacques, W-3 Solomon J, Governors Island, NY.
Barksdale, W-2 Shular A, Ft Lewis, Wash.

To Germany

Guinn, Frank H, Amboy, NJ.
Hill, John A, Plainville, Conn.
Holt, Andrew K, Ft Lawton, Wash.
Mauk, Roy N, Ft Worth, Tex.
Knutson, W-3 Ralph M, Governors Island, NY.
Jackson, W-3 Newton L P, Ft Ord, Calif.
Hunt, W-2 Robert T, Ft Bragg, NC.
Snow, W-4 Francis H, Ft Ord, Calif.

To USARAL

Edrington, John B, Ft Gordon.
Hopkins, W-2 Archer E, Ft Knox.
Cummings, W-2 Leonard W, Ft Eustis.
Hunter, W-2 Carl M, Ft Eustis.
Johnson, W-2 Paul H, Ft Ord.
Kistler, W-2 Marvin, Ft Lewis, Wash.
Moore, W-2 William E, Ft Belvoir, Va.
Rhinehart, W-2 Clarence G, jr, Ft Riley, Kans.

WARRANT OFFICERS—

Paine, Robert L, Rehoboth, Mass, to Germany.

RETIRED—

Colonel

McMillion, Willie C, AGC.
Imrie, Matthew H, Ch C.
Proude, James J A, AUS ret, pd (60%) fr temp disab ret list.
Draper, William B, MC.

Lt Colonel

Fiedler, Arthur A, Arty.

Major

Bresnahan, Margaret M, ANC, pd (100%).
Chambers, Beatrice, ANC.
Beedle, Doris J, ANC.
Morris, Marie C, ANC.

Chief Warrant Officer

Chandler, W-4 Henry, Ord C.

Retired Upon Application

Colonel

Mastro, Henry, Inf
Powers, A B, Arty
McKeown, D M, Inf
Ritchie, T N, Inf

Lt Colonel

Lonero, Charles, MSC
Condon, J F, TC
Nugent, A H, Arty
Bishop, H C, QMC
Baker, J W, Arty
Dunham, H B, Inf
Tweedy, R W, Inf
Collins, H, SigC
Mason, George B, Inf

Major

Hill, Roy, Inf.
Davis, John C, Arty.
Nogar, Edmond J, Ord C, as Lt Col.
Levingood, Eston A, CE, as Lt Col.
Jeffreys, Alice C, ANC.

Captain

Parker, Jimmy W, Inf, as Maj.
Connellan, Gerald V, AI, as Maj.
Drouin, Frank M, Sig C.
Vanderhoof, James R, MSC, as Maj.
Albee, Dale S, Armor.
Bergeron, David C, Arty, as Maj.
Vick, Arthur P, Arty.
Jones, Waymon V, Inf.
Cobb, Kelley B, Arty, as Maj.

Chief Warrant Officer

Adams, W-3 Roy W, Ord C.
Dodgion, W-3 Raymond E, TC.
Evans, W-3 Howard D, QMC, as Lt Col.
Wuethrich, W-2 Emmett H, Ord C.
Coots, W-2 Clyde, QMC.
Adcock, W-3 O T, Ord C.
Collins, W-2 Henry, CE.
Kictarek, W-2 Florian, Ord C.
Ritchie, W-2 William B, Ord C.
Dollar, W-2 Clint O, AGC.

TO TEMP DISAB RET LIST—

Jones, Maj Robert C, Armor (100%).
Nicholas, Maj Wilbur E, Inf (60%).
Osborne, M/Sgt Charles C, as Capt.
Hartley, Sfc William A, as Capt.
Motley, M/Sgt Clarence W, as CWO-2.
Fitch, Sgt Cody W, as 2d Lt.

RESIGNED—

Crovo, Maj Edward P, Arty.
Wood, Capt Harold G, Sig C.
Hughes, Capt James C, JAGC.
Miller, Capt Robert A, MC.
Young, 1st Lt David C, 2d, Inf.
Watlington, 1st Lt Thomas M, 3d, Inf.
Dickey, 1st Lt Robert R, Ord C.
Block, 1st Lt John R, Inf.

PROMOTED IN RA—

To Lt Colonel

W/DR 1960

2 Apr: McElhenny, William S, Armor.
3 Apr: May, Joseph G, TC; Wade, Richard E, MPC.
4 Apr: Hewitt, Henry H, QMC.
6 Apr: Dalness, Harold K, Inf; Lingenfelter, William N, Ord C.
7 Apr: Kirchoff, Arnold W, DC; Jones, Herman A, jr, MSC.

To Major

W/DR 1960

2 Apr: McDonough, Charles J, Arty.
5 Apr: Morgan, Richard B, VC.
7 Apr: Zimmerman, Albert C, Arty.

To Captain

W/DR 1960

2 Apr: Mays, George G, Arty.
3 Apr: Butler, Don A, Inf.
4 Apr: Crampton, Theodore H M, Armor; Rose, Llewellyn P, Sig C; Westin, Paul R, MPC.
5 Apr: D'Renz, Charles F, MPC; Potter, Russell C, Inc; Randall, Douglas A, MPC.
6 Apr: Phillips, Harry LeR, jr, Arty; Pugliese, Nicholas R, MPC.
7 Apr: Imhoff, Maximilian, CE; Mueller, Edward M, ChC.

RA PROMOTIONS CONFIRMED—

To Lt Colonel

Archer, R W, ANC
Dean, J W, MSC
Johnson, R W, Arty
Long, T W, Inf
Noe, H A, MSC
Ross, T B, jr, Inf
Ruffner, C H, jr, OrdC
Smith, M I, ANC
Smitherman, W E, SigC

To Major

Cabell, H B, JAGC
Giamario, T T, OrdC
Israelson, J A, CE
Mahan, D E, Inf
McFadden, J J, Arty
Meckstroth, L E, VC
Mishtowt, B I, Inf
Patterson, E F, FC

Seven To Colonel In Army S.O. 76

The Army, in Special Orders No. 76, has promoted the following officers to temporary colonel, with rank from 18 April.

Those promoted include lieutenant colonels through sequence number 249, Army Promotion List, DA Circular 624-73, 23 November 1959. They are:

Gerald A. Bergin, MPC; Leslie B. Kovacs, FC; Harlan J. Long, AGC; Byron N. Petersen, MPC; Edward J. Ribbs, CE; Norman M. Schroeder, TC; John F. Troll, Inf.

To Captain

Bailey, R B, Arty
Bardwell, L R, AGC
Block, T S, SigC
Brannon, W W, jr, Arm
Brown, H W, SigC
Brown, R E, SigC
Casey, J P, JAGC
Conover, R L, SigC
Crocker, M M, Arty
Frus, R L, MSC
Green, M R, TC
Harty, W Q, Arm
Huntley, D L, Inf
Inkret, W, jr, MC
Jacobson, E D, MC
Jenkins, W M, jr, Inf
Killion, E P, Arty
Knoebel, F W, QMC
Korchek, R L, Inf
Kramer, J C, TC
Lank, J M, Arty
Magill, W F, 3d, Inf
Malouin, L F, jr, OrdC
McNulty, E S, Inf
Miller, C A, jr, Arty
Moulthrop, R M, Arm
Paparone, C R, SigC
Parker, W C, jr, Arty
Petersen, D F, Inf
Pruitt, J R, Arty
Reese, G G, QMC
Rogers, J P, QMC
Sagul, J C, TC
Sayre, J R, Arty
Simsen, D A, MC
Smith, B B, 3d, Arty
Smith, J H, jr, MC
Smith, M H, FC
Solley, B, MPC
Steen, C S, jr, Inf
Sullivan, R A, Inf
Thuston, W O, TC
Trimble, R C, TC
Van Ness, R E, jr, QMC
Wallis, C R, Inf
Weed, M G, Inf
Whalen, T R, Inf
Wheeler, R J, Arm
Wilbarger, E S, jr, MSC
Wilkes, J B, Arm
Wirth, P R, Inf
Wright, J P, MSC

To 1st Lieutenant

Agnew, J S, Arty
Anderson, J L, OrdC
Bagnal, C W, Arty
Carlisle, A R, Inf
Chick, R L, Arty
Dawes, R C, OrdC
Williamson, M M, CE
Matthews, F W, Inf
McFarland, T V, Arty
Mettam, R E, OrdC
Miller, C S, jr, Arty
Miller, R A, QMC
Deetjen, R F, TC
Denmark, S J, jr, CmlC
Fitzgerald, L D, Arty
Geczy, G, jr, Inf
Gooch, C D, MPC
Goodman, R A, MPC
Herrmann, C G, SigC
Horst, T G, CE
Horton, D F, Inf
Jackson, G F, jr, TC
Johansen, W R, CE
Kaufman, R C, Inf
Keating, R J, Inf
Klein, R F, 3d, Arty
Lane, J F, SigC
Lewis, J C, Arty
Lewis, W M, jr, OrdC
Lindquist, R E, jr, Inf
Lindsey, R H, Inf
Liwski, J L, Arty
Lockridge, R W, jr, CE
Machen, B, CE
Marsh, E R, jr, Inf
Martin, E W, jr, Inf
Waldeck, J J, jr, Inf
Wange, L A, TC
Ward, G W, jr, CE
Whatley, H G, TC
Williams, G C, Inf
Munson, H W, jr, CE
Nicholson, R K, Arm
Ogren, C T, CE
Parsons, W H, 3d, CE
Perry, E E, Inf
Pierce, R B, CE
Powe, C M, jr, OrdC
Proctor, M P, Arty
Raudebaugh, J D, CE
Roberts, D A, SigC
Rowinski, T H, Arty
Saint, C P, Inf
Sarkiss, C DeF, Inf
Shean, F L, Inf
Smith, L G, Arty
Smith, R W, QMC
Smith, W R, Inf
Smith, W F, Inf
Stapleton, G J, Inf
Stokes, T K, SigC
Thompson, R P, CE
Tieken, R V, Inf
Tripp, R L, Inf
Vaughn, W V, jr, TC
Wagenheim, H M, TC
Wilson, E B, Inf
Woods, G J, jr, Inf
Woods, S R, jr, Inf
Yon, E M, jr, Inf
Ziegler, M G, CE

To CWO-4

Brulle, William M, FC.

TEMPORARY PROMOTIONS—

To Lt Colonel

Dunne, Thomas R, MC.

To 1st Lieutenant

Cole, Leslie W, CmlC; Steakley, David L, OrdC; Wilson, James F, OrdC.

TRANSFERRED TO USAF—

Lund, Niels H, CE, RA.

HONORABLY DISCHARGED—

Carter, Capt Henry H, jr, AUS, Ret, pd.
Gerety, 1st Lt Walter P, Armor.
Dink, 1st Lt Louis L, Arty.

BRANCH ASSIGNMENTS—

Hill, 1st Lt John R, jr, fr Inf to CE.
Duffield, Capt James I, (USAR) fr Inf to AI.
Buzecki, 1st Lt Evon P, USAR, fr Armor to Cml C.
Peat, Capt Howard T, fr Ord C to FC.
Sargent, Capt William H, USAR, fr Arty to OrdC.

DESIGNATED ARMY AVIATORS—

Truitt, 1st Lt Thomas M, CE, NG.

Senior Army Aviators:

Boyer, Capt Samuel R, jr, TC.
Moore, Maj Howard M, Arty.
Lovell, Capt James B, jr, Inf.
Stovernik, Capt Robert L, Armor.
Ford, Capt Eddle L, Arty.
Hoey, Capt Edison V, Arty.
Walch, James W, Armor.

ADVANCED ON RET LIST—

Courtenay, M/Sgt Charles H E, to WO.

EM RET & TRF TO USAR—

Burnside, Sp7 R J
Dunbar, MSp O W
Johnson, M/Sgt H
Parker, Sp5 A C, jr
Sanders, M/Sgt W F
Ulm, M/Sgt J P
Kelly, M/Sgt L B
Kreitlow, Sfc C C
Leaf, M/Sgt W J
Longley, M/Sgt C L
Mayne, SMaj E A
Prichard, Sp4 B L
Underwood, Sfc T H
Vass, MSgt W K
Corriea, M/Sgt M
Grumbles, M/Sgt W V
Balmes, Sfc N
Caulk, Sfc B F
Edwards, M/Sgt J L
Foster, SMaj R W
Glendenning, M/Sgt L L
Keel, M/Sgt R C
Piche, SMaj H
Croson, Sfc E F
Johnson, Sgt T F
Moura, 1st Sgt E S
Owens, M/Sgt J W
Prince, Sp5 P N
Valestra, M/Sgt A L
Moss, M/Sgt M
Abshire, Sfc I
Allen, Sfc J L
Bookhamer, M/Sgt J D
Briere, M/Sgt R J J
Iverson, 1st Sgt C I
Mandrell, M/Sgt W H
Riley, Sgt A G
Ross, Sfc H
Williams, Sfc F

ENLISTED MEN RETIRED—

Griffin, M/Sgt Francis E, as Maj.
Day, M/Sgt Kenneth E, as Lt Col.
Almas, M/Sgt Sam, as CWO.
Brown, M/Sgt John E, as Maj.
Kaufman, S/Sgt Alkie C, as Lt Col.
Holt, Sfc Lawrence E, as Capt.
Hennessy, S/Sgt Carl D, as Maj.
Bowers, S/Sgt Richard W, as Maj.
Niver, M/Sgt Lisle H, as Lt Col.
Carrington, M/Sgt Leon J, as Lt Col.
Bockey, S/Sgt Francis C, as Lt Col.
Matthews, Sgt Samuel E, as Lt Col.
Opliger, Paul G, as Maj.
Wolda, M/Sgt Louis D, as CWO-4.
Owens, M/Sgt Thedford D.
Broughton, Sp1 Connie N.
Jones, Sp2 William G.
Latvala, Pvt Thomas E.
Spencer, Sfc Walter E, sr.
Walker, Sp4 Gene D.
Nicholas, Pvt Joseph.
Barnett, M/Sgt Kenneth W.
Cordial, M/Sgt Pearl A.
Russell, M/Sgt Carl A.
Woods, Sp4 Clay.

Marine Orders

From page 7—

Green, Frederic A, Ft Holabird.
Dunwell, Ronald P, USS Princeton.

To 1st MAW

Brewster, Albert E, jr, 3d MAW.
Ghiselli, Roland F, MCS, Quant.

From Hq MC:

Cusimano, Joseph
Green "J" "D"
Morrison, George E

To ForTrps FMFLant

Disher, William H, MCS, Quant.
Berling, Raymond R, MCRS, Buffalo.

To 1st Mar Div

Landis, James E, HqMC.
Webster, Charles B, USS Princeton.

From 2d MAW:

Cunningham, E C, jr
Nichols, Alan G

To 2d Mar Div

Leftwich, William G, jr, USNA Anna.
Ferguson, Gilbert W, Akron, O.
Hannah, James E, Ft Belvoir, Va.
Bradley, William C, 2d MAW.

To 3d Mar Div

McCandless, John R, Ft Belvoir, Va.
Hawkins, Dale C, Monterey, Calif.
Hennelly, John A, Ft Worth, Tex.
Dinse, William J, S Diego.

1ST LIEUTENANT

Brown, Robert S, jr, 29 Palms, to Cp Smedley D Butler, Tengan, Okinawa.
McCoart, James J, jr, USS Yorktown, to MB NSA, Ft Meade.
Keenan, John M, USS Kearsarge, to MCRD S Diego.
Scott, Robert F, jr, 2d Mar Div, to USNA NS Anna.
Barnes, Harry F, 1st Mar Div, to USS Princeton.
Ford, Harold J, jr, USS Calvert, to HqBn, HqMC.
Gentry, William R, 2d Mar Div, to USS Valley Forge.
Horback, Bert G, USS Valley Forge, to MB NorVa, pending resig.
Kartchner, Orville R, Port Lyautey, to MCRD PISC.
Ruane, Joseph D, TorTrps FMFLant, to USS St Paul.
Schumacher, James A, USS St Paul, to MCRD S Diego.
Sullivan, Louis W, 2d Mar Div, to MB NB GTMO.
Walker, Edwin H, IV, Mcs, Quant, to MCRD PISC.
McTighe, Michael J, Monterey, Calif, to MB 8th & I Sts SE, Wash, DC.
Mockler, Edward M, 2d Mar Div, to MB NAVACTS Port Lyautey, Kenitra, Morocco.
Morgan, Louis L, 2d MarDiv, to USS Macon.
McGimpsey, Alexander F, jr, 1st Mar Div, to USS Rochester.
Ruggles, Donald R, 1st Mar Div, to USS Los Angeles.
Champlin, Jimmy C, 1st Mar Div, to USS Navarro.
Corrigan, Francis M, USS Rochester, to MCRD S Diego.
Blair, Lynde D, 3d Mar Div, to MCS, Quant.
Regan, Charles D, NAS, Pncla, to 3d Mar Div.
Sullivan, John F, MCS, Quant, to 2d Mar Div.
Palmer, John K, USS George Clymer, to 1st Mar Div.
Brunet, Constance M, El Toro, to MCS, Quant.
Daniels, Clifton, MCS, Quant, to 3d Mar Div.
Miller, Neil P, USS George Clymer, to 1st Mar Div.

To 1st MAW

Brutcher, Samuel P, AirFMFPac.
Knettles, Charles E, 3d MAW.

From 2d MAW:

Kasdorf, Lenn G
McGaw, William A, jr
Alwan, Harold J
Hinshaw, Albert E

2D LIEUTENANT

Johnston, Ronald I, MCB CamLej, to 1st Mar Brig.
Doyle, Francis T, Glynco, Ga, to 2d MAW.
Bunker, William V, jr, CNABATRA, to MCS, Quant.
King, John W, St Louis, Mo, to MCS, Quant.

From MCS, Quant, to Station Indicated

Chastain, Jack E, 1st Mar Brig.
Crudele, Vincent L, 2d Mar Div.
Hacker, William E, ForTrps FMFPac.
Hansen, Allen G, MAD NABTC NAS, Pncla.
Palmucci, Victor J, ForTrps, FMFPac.
Lowe, Robert E, MAD NABTC NAS, Pncla.
Heyd, John D, MCB CamLej.

To 1st Mar Div

From MCS, Quant:

Fleming, Glendon C
Ford, Richard F
Green, Edward L
Carew, John H T, jr

To 3d Mar Div

From MCS, Quant:

Anderson, DeW H
Flessner, Matthew
Givan, James E
Mottershead, C V, jr
Porcello, Louis J
Thomas, David V, jr
Volpe, Charles J
Ward, Peter R
Wiederhold, Basil K
Aldhizer, John T
Barbour, Richard R
Brooke, Peter F
Furlong, Wm R, jr
Geinaw, Donald F
Hargrove, Richard H
Henderson, Earle H
Irwin, Rand
Kappes, Carl H, 3d
Kessenich, Mark F, jr
Lee, Donald C
Mitchell, Philip M
Pepper, Jack R
Rule, Herbert C, 3d
Velie, Alan R
Wilson, Donald E, jr
Silver, Frederic M
Johnson, David C

To 3d MAW

From NAS, Pncla:

Coughlin, John T, jr
Sundstrom, David A
Harnden, R L, jr
Hadley, Robert E

To MAG-26

From NAS, Pncla:

Hacala, John P
Sims, William C
Appleton, Benjamin B

To ForTrps, FMFLant

From MCS, Quant:

Whelan, John J
Whitney, Robert H
Bergbauer, Daniel M
Blake, Carroll
Eales, Vernon R
Elster, John R
Emmons, Stephen P
Hokom, Robert A
Kluth, Edward J
Knapp, John E
Long, Jules H, jr
Stacey, Weston M, jr
Hirsch, Donald B

CHIEF WARRANT OFFICER

Waugh, Clinton C, 2d Mar Div, to HqMC.

WARRANT OFFICER

Massarotti, Dante A, S Diego, to SR MarCor LnO, Litton Industries, INC, Beverly Hills, Calif.

RETIRED

Beckley, Lt Col Pauline B, to temp disab ret list.
Milne, Lt Col Harry T.
Fowler, Maj Charles C.
Trowbridge, Maj Clyde A.
Burri, Maj Alvin W.
Hilderbrandt, Capt Walter J, to temp disab ret list.
Arthur, Capt Charles L.
Sumner, Capt Burrel E.
Edward, 2d Lt William H, to temp disab ret list.
Hutchison, CWO2 Joseph E.
Lindon, CWO2 Jack N.
Prekup, CWO3 Robert.

Navy Orders

From page 6—

Fleming, Edward S, Staff ComServPac; to OpNav.
Freeborn, Stanley B, jr (SC), Ofc of Legal Affairs NavDept; to SupOff NAS NavMissileCen Point Mugu.
Gabrels, Wilton R (RC), NavDentalScol NatNavMedCen Bethesda DuIns; to Third MAW.
Gilkeson, Fillmore B, CO USS Caloosahatchee; to CO USS Shangri La.
Gore, John M (SC), AFSC Norfolk; to NATO MaintSupServ Agency Paris.
Hack, John A, CO USS Navarro; to ComPhib Ron Seven.
Hall, Harvey W, jr, NavWarCol Newport DuIns; to Staff ComStrikeForSouth.
Hansen, Widmer C, BuWeps; to Sp ProjOfc TechRep MarDiv Sperry GyroScope Corp Syosset.
Harrison, Harlon W (MC), NavHosp SDiego; to NavHosp CamPen.
Haselton, Henry T, BuPers; to ComNavActy Rota.
Hill, Howard W, (MC), USS Bennington; to NAS NY Floyd Bennett Fld Bklyn.
Hoffer, Caryl J (DC), NavSta Rodman; to XO NavDental Clinic MarCorB CamPen.
Holway, Richard T (MSC), NavDisease Vector ConCen NAS Alamada; to ExecSec Armed For Pest Control Board WashDC.
Houghton, James C, ICAF WashDC; DuIns; to A1USNA Moscow.
Huey, Enders P, Staff ComSubLant; to OIC NavSubScol SubB New London.
Hughes, William C, BuPers; to ComDesRon Two.
Huston, Charles D, CO NAAS Port Isabel; to ACofS for Plans and Opr ComAlSea Frontier.
Jarvis, Benjamin C, CO USS Thomaston; to Staff ComFirstFlt.
Johnston, Sidney F (MC), NAS NY Floyd Bennett Fld Bklyn; to NAS Quonset Point.
Kaess, Karl V (MC), NavHosp CamPen; to NavHosp Guam.
Keenan, James F (DC), NAF Naples; to Nav SuppActy Naples.
Kefauver, Russell, OpNav; to CO USS Providence.
Kenner, Jack L, BuPers; to Staff ComSub Lant.
King, Ed R, ComDesRon 22; to NWC Wash DC.
Klopp, James W, NaMatCen Phila; to OIC NavPDNEQPCONOfc WashDC.
Lally, Paul R, (SC), XO NavFinCen Cleveland; to Ofc of SupInsMat SoutheastDist Upper Darby.
Lawlor, William K A (MSC), NavPreventive MedUnit No. 7; to Environmental Sanitation Scol Oakland.
Leonard, John A, CO USS Waccamaw; to ChStaffOff ComServRon Six.
Letterman, Lincoln L (SC), OIC NRAO GLakes; to XO NavFinCen Cleveland.
Lindon, Elbert C, CO USS Spiegel Grove; to AFSC Norfolk.
Lockwood, Ralph H, CO USS Fulton; to The JStaff Ofc JCS WashDC.
Longino, Kames C, jr, Staff ComEdCent; to OpNav.
Mandel, Herbert I, JStaff CinCPac; to CO USS Maury.
McClung, Daryl S (DC), MarCorScol Quantico; to Staff ComdtHqUSMarCorps.
McGivern, Charles F, CO USS Bushnell; to Staff ComAntiSubDefLant.
McGuinness, Walter A, ComSubDiv 33; to CO USS Nereus.
Minner, Delbert M, CO AirTransRon Seven; to JStaff CinCLant.
Moore, Raymond A, NavWarCol Newport DuIns; to CO USS Spiegel Grove.
Munster, Joe H, jr, CO NavScol NavJustice NavBase Newport; to Ofc of JAG NavDept.
Morse, John F, CO USS Hassayampa; to USNavPGScol Monterey.
Nauman, Harley K, ComDesRon Seven; to Staff SACLant.
Nicodemus, Gordon K, jr, USNavOff Hong Kong; to OpNav.
Olsen, Albert R, Staff ComCruDesPac; to CO USS Paul Revere.
Parker, Jefferson D, USNavPGScol Monterey; to ComDesRon 13.
Parunak, Aram Y, CO USS Atsugi; to AFSC Norfolk.
Preston, John P, CO USS Shangri La; to OpNav.
Redon, Alexander L, CO USS Plymouth Rock; to CO FleTraCen Norfolk.
Ruehlow, Stanley E, CO USS Lexington; to OpNav.
Salmon, Nelson D, A1USNA China Taipei; to MareNavShipYd.
Satterford, Robert B, Staff ComFirstFlt; to ChStaffOff ComSubFlot One.
Schwartz, Isador J, ACofS for JPhibMatters ComPhibLant; to NAS Atlanta Marietta.
Shafsky, Boyd (SC), SupOff MCAS El Toro Santa Ana; to JStaff CinCPac.
Shamer, Preston N, Staff ComCarDiv 16; to CofS and Aide ComCarDiv 16.
Shepard, Richard D, The JStaff Ofc JCS WashDC; to CO USS Rochester.
Simpson, Ernest J, jr, Ofc of BuWepsGen Rep CentDist Wright-Patterson AFB; to ONM NavDept.
Smith, George W, CO AirTransRon Eight; to DirCruit Eighth SFran.
Stewart, Fred, B (SC), BuSandA; to XO NSD Philadelphia.
Teich, Richard J, XO AEWBaRonPac; to Staff ComPacific Missile Range Pt Mugu.
Thompson, Raymond W, ComDesRon 26; to The JStaffOfc JCS WashDC.
Thomson, James W, USNA Annapolis; to ComPhibRon Two.
Tonner, William G, jr (SC). Ofc of SupIns Mat SoutheastDist Upper Darby; to AFSC Norfolk.
Williams, Chauncey C (SC), ACofS for Log and Sup ComPRNC; to DistSupOff 1ND.
Windsor, Robert W, jr, Staff CinCUSNav Europe; to OpNav.
Winne, George M, CofS and Aide ComNav Marianas; to ComSanDiegoGru PacResFlt.
Zurcher, Clarence J, BuPers; to ComSub DevGru Two.

COMMANDER

Alldredge, Walter W, AFSC NORVA DUINS; to OPNAV.
Cooke, Emmett M, jr, CARAIRGRU EIGHT; to CO FITRON 102.
Gilbert, Robert L, NAS CORPC; to NAV TRADEVICECEN PT WASHINGTON.
Harrison, Robert M (CHC), NAVSCOL PREFLT NAS PNCLA; to HARVARD DIVINITYSCOL DUINS.
Higgins, Roy T, PHIBRON SIX; to OPTEV FOR.
Koontz, Richard R (SC), NSC PEARL; to BUSANDA.
Morrison, John A, AEWRON THREE; to CLARKSVILLEB.
Pablos, Tomas C (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to USS BUSHNELL.
Parks, Clyde R (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to MARCORB CAMLEJ.
Sherwood, Edwin M (DC), NAVDENTAL SCOL NATNAVMEDCEN BETHESDA DUINS; to NAVHOSP NAVB NPT.
Taylor, Robert W, TACRON 13; to NAS NORIS SDIEGO.
Upshaw, William W, NAVMARIANAS; to CO USS CHEVALIER.
Wieseke, Edward M (SC), OIC NAVSHIP STOFC WEST COAST BR NSC OAK; to OIC AND DISBOFF NSD YOKOSUKA NAVPURCHASING BR HONG KONG.
Anderson, George D, AFSC NORVA DUINS; to NAS NORVA.
Bergstedt, William C, NAS NORIS SDIEGO; to HATWG ONE.
Brigham, Ernest T, jr, NAS WILLOW GROVE; to NARTU NAS ANACOSTIA WASHDC.
Cain, John L, ASO PHILA; to NAS BARPT.
Carmen, Marvin (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to NAVPHIBASE LITTLE CREEK NORVA.
Cave, Amos W, jr (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to NAVDISP NAVDEPT.
Connelly, Max R (SC), ESO GLAKES; to BSNAVSHIPYD.
Dehart, Kenneth P (SC), NSD YOKOSUKA; to LBEACHNAVSHIPYD.
Duffy, Frederick M, NAS OAK; to CO NARTU NAS LAKEHURST.
Evans, Philip W (SC), NYNAVSHIPYD; to OIC NRAO BKLYN.
Foster, Thomas E, jr (SC), SERVPAC; to ASO PHILA.
Gardes, George A, CO USS O'HARE; to OPNAV.
Gavey, Harry E (SC), OIC NAVCOMSYSTO NAVSTA NORVA; to NAVSUBASE PEARL.
Jensen, Harold B (SC), NSD YOKOSUKA; to ASO PHILA.
Kriz, Frank J (SC), DOCKS SUPOFC NAV CBCEN PORHUE; to NSD YOKOSUKA.

—Continued on page 23

Man In Spinning Tank of Water Will Test Effects of Weightlessness In Space

Lockheed's Human Factors Research Laboratory at Marietta, Ga., has disclosed it is preparing an earth-bound experiment which will put a man in the weightless condition he would encounter in outer space.

F. A. Cleveland, Lockheed Georgia Division's chief advanced design engineer, told the Georgia Association of Broadcasters in convention at Atlanta, that construction of Lockheed's "null-gravity simulator"—designed to eliminate the effects of the earth's gravity on the person in the test—is nearing completion.

It will be used for basic research in space flight human factors, and it also will be available for the selection and training of space crews, Mr. Cleveland said in making the first public revelation of the new scientific project.

Detailed plans for the experiment involving man will be given by Dr. Raphael Levine, Lockheed biophysicist and project leader, at the Aerospace Medical Association in convention in Miami 11 May.

Dr. Levine already is conducting preliminary experiments with a scale model space simulator, using fish instead of men, as subjects. He will report his findings at the Miami convention.

Chief difference between the "null-gravity simulator" and other space studies is the "long period of time" for testing provided by the Marietta simulator.

Air Force experiments have studied the effects of weightlessness for periods up to 40 seconds of time, by causing specially-equipped planes to follow free-fall trajectories—or outside loops. The X-15 aircraft may expose the pilot to approximately four minutes of weightlessness.

The Human Factors' laboratory "space ship" simulator is basically a huge tank of water. When the experiment begins, a man, dressed somewhat like a skin diver and provided with breathing apparatus, will get inside this tank. The tank will be revolved rapidly, while a group of scientists watch.

Floating weightlessly in the water, the man will be under virtually the same condition facing him when he soars into outer space . . . into a free-fall situation. The spinning will eliminate his feel of "which way is up or down." He will see the inside of the tank as if stationary, so that no visual cues of "up or down" will exist.

A lot of complicated gadgets, controls, tests, etc., are included in the otherwise simple-sounding "space flight" simulator.

While the man is in the whirling tank of water, he will work on varied test problems symbolizing his piloting a space vehicle dropping through a dream-like world in which nothing has weight.

A person determines which way is up or down (gravity vertical) through his eyes, the pressure on the soles of his feet, and the response of the "otholith" organs of the inner ear.

By placing a man in a tank of water, the Human Factors Research Laboratory will eliminate the pressure on the soles of his feet . . . the pressure being distributed over the body. Spinning the tank is expected to confuse the inner ear organ so the brain will pay no attention to it. Since the man will see only the apparatus moving with him, he should lose all sense of the earth's true gravity.

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ALBERICO—Landstuhl, Germany 29 Mar Sp5 & Mrs Gregory Alberico, daughter, Donna.
ALLEN—Landstuhl, Germany 4 Apr Sp5 & Mrs Roswell F Allen, daughter, Cathy.
ALLEN—Ireland AH, Ft Knox, Ky recently 1st Lt & Mrs Teddy G Allen, daughter.
ALSER—Landstuhl, Germany 28 Mar 1st Lt & Mrs Donald J Alser, daughter, Jamie.
ANDERSON—Fitzsimons GH, Denver 8 Apr 1st Lt (USAF) & Mrs Paul Anderson, daughter.
BALCH—Brooke GH, Ft Sam Houston, Tex 6 Apr Lt Col & Mrs Edwin V Balch, daughter.
BARRENTINE—Patterson AH, Ft Monmouth, NJ 10 Apr 2d Lt & Mrs William L Barrentine, 126 Branch Ave, Red Bank, NJ, daughter.
BARBIER—Langley AFB, Va 6 Apr Capt & Mrs Stephen A Barbier, 44 Wheatland Dr. Hampton, Va, son, Michael.
BECKER—William Beaumont GH, El Paso, Tex 5 Apr Capt & Mrs Frederick C. Becker, daughter.
BEIERS—Dreux, France 4 Apr Capt & Mrs Gene C Beiers, 317 TachHosp, APO 253 NY, son, John Cornelius.
BENTON—Dreux, France 5 Apr S/Sgt & Mrs. Elton E Benton, Hq 7305 ABGp, APO 34, NY, daughter, Leslie Annette.
BISH—Landstuhl, Germany 30 Mar Sp4 & Mrs Charles R Bish, son, Caven.
BLANCO—La Chapelle, St Mesmin, France 3 Apr Sp5 & Mrs E B Blanco, daughter, Janet.
BOOP—Lanstuhl, Germany 4 Apr S/Sgt & Mrs John D Boop, son, John D, 2d.
BORNER—La Chapelle, St Mesmin, France 6 Apr M/Sgt & Mrs Robert F Borner, twin sons, Karl & Erich.
BOVERI—Landstuhl, Germany 31 Mar 1st Lt & Mrs. Donald J Boveri, son, Mark.
BOYLE—La Chapelle, St Mesmin, France 5 Apr Sp4 & Mrs Robert R Boyle, son, David.
BRANAN—Sheppard AFB, Tex 27 Mar 1st Lt & Mrs Carl K Branan, daughter, Debra Jane.
BREEN—La Chapelle, St Mesmin, France 11 Apr Capt & Mrs Thomas A Breen, son, Patrick.
BRIDGMAN—Landstuhl, Germany 1 Apr S/Sgt & Mrs Wilder K Bridgman, son, Michael.
BROWN—Landstuhl, Germany 3 Apr Capt & Mrs Ollie Brown, daughter, Deborah.
BUSH—Stillwater, Okla 1 Apr Capt & Mrs Charles C Bush, 3d, son, Charles Coleman, 10th grandchild of Col (USA-Ret) & Mrs Robert F Hallock, 206 E Poplar, San Antonio, Tex.
BUTTS—Landstuhl, Germany 22 Mar 1st Lt & Mrs Clinton E Butts, daughter, Rebecca.
BYLAND—Landstuhl, Germany 26 Mar Sp4 & Mrs Russell L Byland, son, Robert.
CADDIGAN—Ft Ord, Calif 1 Apr 1st Lt & Mrs James E Caddigan, 1043 3d, Monterey, son, Timothy James
CADENHEAD—William Beaumont GH, El Paso, Tex 1 Apr Maj & Mrs Charles R Caldenhead, son.
CARLSON—William Beaumont GH, El Paso, Tex 12 Apr Capt & Mrs William E Carlson, daughter.
CHILDS—Berlin, Germany 2 Mar Sfc & Mrs Arthur R Childs, son, Patrick.
CLAWSON—Ft Carson, Colo 7 Apr Capt & Mrs Curtis Clawson, 2581 Chelton Rd, Colorado Springs, Colo, son.
CLOWARD—Ft Eustis, Va recently 2d Lt & Mrs Philip V Cloward, son.
COCKRELL—Ft Ord, Calif 4 Apr 1st Lt & Mrs William F Cockrell, 1139 Forest, Pacific Grove, daughter, Kelley Robin.
COLEMAN—Ft Eustis, Va recently Capt & Mrs James P Coleman, son.
CONGER—West Point, NY 6 Apr Maj & Mrs William E Conger, jr, daughter, Julia.
COOGAN—DeWitt AH, Ft Belvoir, Va 14 Apr Maj & Mrs Vincent F Coogan, son.
CORDERO—Berlin, Germany 3 Mar Sp5 & Mrs Rodriguez J Cordero, son, Jose A Albino.
CORIELL—Landstuhl, Germany 30 Mar Sgt & Mrs Homer L Coriell, daughter, Christa.
COUNTS—Landstuhl, Germany 31 Mar Sgt & Mrs Billy J Counts, son, Jimmy.
COX—Vance AFB, Okla 5 Apr 2d Lt & Mrs Gary E Cox, son.
DEAN—Ireland AH, Ft Knox, Ky recently Capt & Mrs Luther J Dean, daughter.
DEAUX—DeWitt AH, Ft Belvoir, Va 15 Apr Maj & Mrs Walter E Deaux, daughter.
DENNY — Newport, RI 7 Apr Ens & Mrs James L Denny, 460-B East Main Rd, Middletown, RI, son.
DIMALANTE—Brooke GH, Ft Sam Houston, Tex 30 Mar Capt & Mrs Thomas J Dimalante, son.
DOHERTY—Ft Hood, Tex 20 Mar Capt & Mrs Richard J Doherty, 202 Bowen Cir, Ft Hood, daughter, Mary Margaret.
DONNELLY—DeWitt AH, Ft Belvoir, Va 9 Apr Maj & Mrs James D Donnelly, son.
EDWARDS—Cp Leroy Johnson, La 31 Mar 2d Lt & Mrs Louis H Edwards, son.
EDWARDS—Griffiss AFB, NY 7 Apr Capt & Mrs Richard E Edwards, son.
EICHELSDOERFER—La Chapelle, St Mesmin, France 9 Apr Capt & Mrs Howard H Eichelsdorfer, daughter, Nancy.
EISENBERG—William Beaumont GH, El Paso, Tex 8 Apr Capt & Mrs Henry W Eisenberg, son.
ENGLEY—DeWitt AH, Ft Belvoir, Va 11 Apr Maj & Mrs Thomas W Engley, son.
ERICKSON—Dreux, France 31 Mar Capt & Mrs Arthur Erickson, 317 ABGp, APO 253 NY, daughter, Lisa Rochelle.
EVERETT—Brooke GH, Ft Sam Houston, Tex 5 Apr Capt & Mrs Richard H Everett, daughter.
FEARON—Landstuhl, Germany 22 Mar Sp4 & Mrs Ralph L Fearon, daughter, Kirsten.
FETKO—Landstuhl, Germany 4 Apr Sp4 & Mrs John B Fetko, jr, son, John B, 3d.
FOSTER—Dreux, France 6 Apr S/Sgt & Mrs Robert Foster, 322 Air Div, APO 253, NY, daughter, Tama Reyne.
FRIEBEL—La Chapelle, St Mesmin, France 11 Apr S/Sgt & Mrs Moritz H Friebel, daughter, Gean.
FULLER—Landstuhl, Germany 31 Mar Sp4 & Mrs Edgar S Fuller, son, Edgar S, jr.
GOLDENS—Landstuhl, Germany 24 Mar 1st Lt & Mrs Marius Goldens, son, Peter.
GOMEZ—Berlin, Germany 21 Mar Sfc & Mrs Daniel V Gomez, son, Joerg.
GOO—Ft Ord, Calif 3 Apr 2d Lt & Mrs Ronald Tung Yun Goo, 342 Ramona, Monterey, Calif, daughter, Corrine KimLen.
GOODMAN—Patterson AH. Ft Monmouth, NJ 7 Apr 1st Lt & Mrs Robert A Goodman, 12 Midway Lane, Eatontown, NJ, son.
GOODWIN—Landstuhl, Germany 29 Mar S/Sgt & Mrs Charles F Goodwwin, son, James R.
GRANGER—Newport, RI 9 Apr Ens & Mrs Sylvester R Granger, 10-A Bristol Rd, Middletown, RI, son.
GREGA—WRGH, Washington, DC 3 Feb Sfc & Mrs Frank A Grega, 1233 Guilford Rd, Glen Burnie, Md, daughter Frances Geraldine.
GRIGGS—Landstuhl, Germany 28 Mar Capt & Mrs George A Griggs, son, George A, jr.
GRIMES—Landstuhl, Germany 1 Apr Lt & Mrs Keith R Grimes, son, Devin.
HARPER—Ft Ord, Calif 1 Apr Capt & Mrs Benjamin L Harper, 257 Ardennes Cir, Ft Ord, son, Mattison James.
HARRIS—William Beaumont GH, El Paso, Tex 9 Apr Capt & Mrs William C Harris, daughter.
HARTE—Ft Carson, Colo 5 Apr Lt Col & Mrs Allan S Harte, 2219 Afton, Colorado Springs, Colo, son.
HARVEY—Dreux, Franc 30 Mar S/Sgt & Mrs Barrington K Harvey, 39 TrpCARON, APO 253, NY, son, James Richard.
HAWKINS—Landstuhl, Germany 22 Mar M/Sgt & Mrs Roy E Hawkins, son, Robert.
HEINE — Bremerhaven, Germany 22 Mar LCdr & Mrs Theodore J Heine, daughter, Dorothea.
HENDERSON—Ft Ord, Calif 29 Mar 2d Lt & Mrs John S Henderson, 428 Casa Verde, Monterey, Calif, son, David Mark.
HERRMANN—Landstuhl, Germany 4 Apr M/Sgt & Mrs Wilson A Herrmann, son, Robert.
HICKS—Ft Ord, Calif 31 Mar 2d Lt & Mrs Jimmie L Hicks, 150 Lighthouse, Pacific Grove, Calif, daughter, Lori Lee.
HILL—William Beaumont GH, El Paso, Tex 2 Apr Capt & Mrs Richard N Hill, son.
HOLDER—Brooke GH, Ft Sam Houston, Tex 31 Mar 1st Lt & Mrs David L Holder, son.
HOMESLEY—Bremerhaven, Germany 25 Mar 1st Lt & Mrs Troy C Homesley, jr, son, Clifton.
HORNER—Brooke GH, Ft Sam Houston, Tex 7 Apr Maj & Mrs James M Horner, son.
HOWARD—Vance AFB, Okla 7 Apr 1st Lt & Mrs George L Howard, son.
HUDSON—Ft Dix, NJ 5 Apr Capt & Mrs Howard V Hudson, son David Gene.
HUGHES—Landstuhl, Germany 22 Mar T/Sgt & Mrs Eugene L Hughes, daughter, Karin.
HUNT—Langley AFB, Va 5 Apr Capt & Mrs Gary E Hunt, 12 Westover St, Hampton, Va, daughter, Pamela Jan.
IRWIN—Ft Eustis, Va recently 2d Lt & Mrs Boyce W Irwin, son.
JARRELL—Berlin, Germany 23 Mar Sgt & Mrs Charlie R, Jarrell, son, Charlie R, jr.
JENKINS—Langley AFB, Va 9 Apr 1st Lt & Mrs Frank W Jenkins, 5 Markham Dr, Hampton, Va, daughter, Linda Jean.
JOACHIN—La Chapelle, St Mesmin, France 6 Apr Sp4 & Mrs Roland L Joachin, daughter, Colette.
JOHNSON—West Point, NY 9 Apr Capt & Mrs George B Johnston, 4603d Air Base Gp, Stewart AFB, NY, daughter, Karen Arleen.
JOHNSON—Landstuhl, Germany 23 Mar CWO & Mrs John H Johnson, son, David.
JOHNSTON—Landstuhl, Germany 26 Mar T/Sgt & Mrs Donald E Johnston, son, Kevin.
JOHNSTON—Landstuhl, Germany 1 Apr S/Sgt & Mrs Ralph D Johnston, daughter, Catherine.
JOHNSTON—Landstuhl, Germany 30 Mar Capt & Mrs Richard A Johnston, son, Michael.
JORDON—La Chapelle, St Mesmin, France 30 Mar Sp5 & Mrs Otho E Jordon, son, Otho E.
KAPLAN—William Beaumont GH, El Paso, Tex 13 Apr Capt & Mrs Harold L Kaplan, daughter.
KIDD—Berlin, Germany 1 Mar Sp4 & Mrs Franklin A Kidd, son, John.
LADOW—Landstuhl, Germany 4 Apr Sp4 & Mrs. Sidney L Ladow, son, David.
LANGLEY—Cp Leroy Johnson, La 30 Mar Lt Col & Mrs Charles P Langley, daughter.
LARE—Landstuhl, Germany 22 Mar Capt & Mrs John Lare, daughter, Mary.
LAWTON — American Hosp, Nouilly-Sur-Seine, France 15 Apr Capt & Mrs William S Lawton, jr, 5th child & 3d daughter, Christine, granddaughter of the Comptroller General of the Army, Lt Gen William S Lawton & Mrs Lawton, and of Mrs J Milton Freeland, Kansas City, Mo, and the late Mr Freeland.
LAX—Ireland AH, Ft Knox, Ky recently 2d Lt & Mrs Herbert H Lax, son.
LIESMAN—DeWitt AH, Ft Belvoir, Va 9 Apr 1st Lt & Mrs John S Liesman, daughter.
LOCKWOOD—Landstuhl, Germany 26 Mar Sp5 & Mrs James C Lockwood, son, James.
MARIETTA—Landstuhl, Germany 24 Mar S/Sgt & Mrs Frank D Marietta, son, David.
MARTIN—Berlin, Germany 26 Mar Sgt & Mrs Richard E Martin, son, Michael.
MATHEWS—Brooke GH, Ft Sam Houston, Tex 8 Apr Capt & Mrs Thomas P Mathews, daughter.
MATTHEWS—Brooke GH, Ft Sam Houston, Tex 4 Apr Capt & Mrs Henry S Matthews, 3d, son.
MAULDIN—Robins AFB, Ga 29 March Capt & Mrs Albert P Mauldin, daughter.
MAYER—Brooke GH, Ft Sam Houston, Tex 5 Apr Capt & Mrs James E Mayer, son.
MAYS—Brooke GH, Ft Sam Houston, Tex 11 Apr Capt & Mrs Anthony W Mays, daughter.
McCOLPIN—Landstuhl, Germany 3 Apr Sfc & Mrs Roy McColpin, twin sons, Gary and Larry.
McCOMAS—Landstuhl, Germany 23 Mar S/Sgt & Mrs Aaron A McComas, daughter, Karen.
McHALEK—Dreux, France 6 Apr 1st Lt & Mrs Edward D McHalek, 39 TrpCARON, APO 253, NY, daughter, Collette Jean.
MENDES—William Beaumont GH, El Paso, Tex 2 Apr 1st Lt & Mrs Benjamin J Mendes, daughter.
MENDLER—Dreux, France 31 Mar S/Sgt & Mrs Howard Mendler, 317 ABGp, APO 253, NY, son, Berndt Walter.
MILLER—Berlin, Germany 30 Mar Sgt & Mrs Donald C Miller, daughter, Donna.
MINEO—Rodriguez AH, Ft Brooke, PR 7 Apr Lt (jg) & Mrs Michael E Mineo, daughter, Lauren Ann.
MINK—Landstuhl, Gemany 3 Apr S/Sgt & Mrs Marvin Mink, daughter, Rebecca.
MITCHELL—Landstuhl, Germany 28 Mar Sp5 & Mrs Peter D Mitchell, daughter, Jane.
MIXON—Landstuhl, Germany 30 Mar Sgt & Mrs Leon R Mixon, daughter, Cherri.
MOORE—Berlin, Germany 24 Mar Sgt & Mrs Darrell Moore, daughter, Evelyn.
MOORE — Bremerhaven, Germany 17 Mar Capt & Mrs Robert C Moore, jr, daughter, Patricia.
MOREAU—Ft Devens, Mass 7 Apr Capt & Mrs Donald M Moreau, daughter.
MORELAND—Landstuhl, Germany 31 Mar M/Sgt & Mrs Noel Moreland, daughter, Margarete.
MUNDY—Ft Ord, Calif 4 Apr Capt & Mrs Frederic L Mundy, 212 Watson, Monterey, Calif, son, Patrick Lane.
MUNKEL—Landstuhl, Germany 30 Mar 1st Lt & Mrs Lee V Munkel, son, Patrick.
MYRAH—Brooke GH, Ft Sam Houston, Tex, 1 Apr 1st Lt & Mrs Douglas M Myrah, daughter.
NEFF—La Chapelle, St Mesmin, France 1 Apr Sgt & Mrs Billy R Neff, son, Patrick.
NELLER—Ft Carson, Colo 4 Apr 2d Lt & Mrs Charles Neller, Cormack Trailer Ct, Colorado Springs, Colo, daughter.
NELSON—Berlin, Germany 14 Mar Sgt & Mrs David C Nelson, daughter, Donna K.
OLSON—Mainz, Germany 18 Mar 1st Lt & Mrs Hardin L Olson, jr, daughter, Pamela Ann, granddaughter of Maj Gen & Mrs Stanley W Jones, Arlington, Va, and of Col (USA-Ret) & Mrs Hardin L Olson, McLean, Va.
OVERCASH—Dreux, France 2 Apr S/Sgt & Mrs Hugh Overcash, 40 TrpCARON, APO 253, NY, son, Kirby D.
PARRISH—Landstuhl, Germany 2 Apr Sp4 & Mrs Oscar Parrish, son, Raymond.
PETITT—Berlin, Germany 31 Mar Sp4 & Mrs. Bob W Petitt, daughter, Linda.
PIGGOTT—Dreux, France 30 Mar S/Sgt & Mrs Thomas A Piggott, 39 TrpCARON, APO 253, NY, daughter, Tami Lynn.
PFENNINGER—Fitzsimons GH, Denver 14 Apr Capt & Mrs Mark W Pfenninger, daughter.
PROCTOR—Brooke GH, Ft Sam Houston Tex 6 Apr 1st Lt & Mrs Robert F Proctor, daughter.
PUTHE—Landstuhl, Germany 29 Mar Sp5 & Mrs Egon J Puthe, son, Frank E.
QUINN — Newport, RI 7 Apr Cdr & Mrs Thomas D Quinn, 69 Rhode Is Ave, Newport, daughter.
RATTRAY—Bremerhaven, Germany 31 Mar Lt Alexander L Rattray, jr, daughter, Kathryn.
RIFFIN—La Chapelle, St Mesmin, France 11 Apr Sfc & Mrs Johnnie R Riffin, daughter, Angela.
RIVERS—William Beaumont GH, El Paso, Tex 13 Apr 1st Lt & Mrs Franklin J Rivers, daughter.
ROBINSON—West Point, NY 7 Apr Capt & Mrs James R Robinson, Dept of Law, USMA, son, Peter.
RODGERS—William Beaumont GH, El Paso, Tex 11 Apr 1st Lt & Mrs James R Rodgers, daughter.
RUBENSTEIN—William Beaumont GH, El Paso, Tex 5 Apr Lt Col & Mrs Edwin V Rubinstein, son.
RYMER—Dreux, France 1 Apr 1st Lt & Mrs George Rymer, 40 TrpCARON, APO 253, NY, daughter, Paula Marie.
SALINAS—Landstuhl, Germany 23 Mar Sp5 & Mrs Willie B Salinas, daughter, Johann.
SALZMAN—Lackland AFB, Tex 12 Apr 1st Lt & Mrs James Salzman, son.
SCHACHT—Landstuhl, Germany 26 Mar M/Sgt & Mrs Harry O Schacht, son, Steven.
SCHMITZ—Brooke GH, Ft Sam Houston, Tex 13 Apr Capt & Mrs William D Schmitz, son.
SCOVILLE—Robins AFB, Ga 31 Mar 1st Lt & Mrs Oscar G Scoville, son.
SECREST—Berlin, Germany 11 Mar Sgt & Mrs. Larry O Secrest, twin sons, Stephen & Stanley.
SELBERG—Griffiss AFB, NY 6 Apr Capt & Mrs John R Selberg, son.
SHELTON—Landstuhl, Germany 3 Apr Sp5 & Mrs George D Shelton, jr, son, Hans.
SHEPARD—Landstuhl, Germany 28 Mar M/Sgt & Mrs Robert P Shepard, daughter, Betty.
SMITH—Landstuhl, Germany 24 Mar S/Sgt & Mrs Donald L Smith, daughter, Jennifer.
STAEHLE—DeWitt AH, Ft Belvoir, Va 13 Apr Lt (jg) (USN) & Mrs Roger W Staehle, son.
STICHT—Keesler AFB, Miss Capt & Mrs J W Sticht, son.
STING—Brooke GH, Ft Sam Houston, Tex 3 Apr Capt & Mrs Constantine P Sting, daughter.
SULLIVAN—Landstuhl, Germany 1 Apr Sp4 & Mrs Arthur D Sullivan, jr, daughter, Debra.
SWIGLER—Ft Carson, Colo 5 Apr Maj & Mrs Adam Swigler, 1346 Bennet Ave, Colorado Springs, Colo, daughter.
THORGOOD—Berlin, Germany 4 Mar Sp5 & Mrs Thomas G Thorgood, daughter, Elizabeth.
TREVETHAN—Ft Carson, Colo 7 Apr 1st Lt & Mrs Alexander Trevethan, Qts 7245-B, Ft Carson, daughter.
TURNER—Ft Benning, Ga 9 Mar Capt & Mrs James J Turner, son, Robert Hallock, 9th grandchild of Col (USA-Ret) & Mrs Robert F Hallock, 206 E Poplar, San Antonio, Tex.
VINING—DeWitt AH, Ft Belvoir, Va 14 Apr Capt (USAF-Ret) & Mrs James L Vining, twin daughters.
VOLLNER—Ft Ord, Calif 1 Apr Capt & Mrs Gene E Vollner, 244 DeForest Rd, Marina, Calif, son, Brian David.
WATKINS—Landstuhl, Germany 5 Apr M/Sgt & Mrs Cecil W Watkins, son, Mark.
WEINER—Landstuhl, Germany 4 Apr MSgt & Mrs Billy J Weiner, daughter, Patricia.
WETHERBIE—Frankfurt, Germany 12 Apr Lt & Mrs Robert F Wetherbie, daughter, Deborah.
WHITE—DeWitt AH, Ft Belvoir, Va 14 Apr 1st Lt & Mrs Chad B White, son.
WILLIAMS—West Point, NY 29 Aug '59 Capt & Mrs Theodore C Williams, jr, Dept of Soc Sc, USMA, West Point, daughter, Jean Cortlandt.
WILSON—Ireland AH, Ft Knox, Ky recently Capt & Mrs Max J Wilson, daughter.
WILSON—William Beaumont GH, El Paso, Tex 13 April 1st Lt & Stokley L Wilson, son.
WISE—Landstuhl, Germany 24 Mar S/Sgt & Mrs Ulysses Wise, son, Lionel.
WOLD—Landstuhl, Germany 28 Mar S/Sgt & Mrs Donald A Wold, son, Donald.

Married

BOWEN-MOORE — Union Congregational Church, Upper Montclair, NJ 16 Apr Miss Marcia Moore, daughter of Mr & Mrs Miller Moore, and Ens Robert M Bowen, USNR, son of Mr & Mrs Horace Bowen.

Died

BRYANT—Died 9 Apr Lt Robert K Bryant, USN.
CULPEPPER—Died USAH, Ft Benning, Ga 9 Apr Col William S Culpepper, MC, USA-Ret. Survived by one son, Capt W S Culpepper, jr, (USMA '46), 800 Sunbury Dr, Alexandria, Va; and one daughter, Mrs

Helen C Pratt, 1030 Lincoln Ct, San Jose, Calif. Burial Arlington National Cemetery, Washington, DC.

DECKER—Died USNH, Portsmouth, Va 17 Apr Cdr Walter B Decker, USN-Ret, (USNA '06), 75. Survived by his widow, Mrs Edna V R Decker, 7650 Maury Arch, Lochaven, Norfolk, Va; and two daughters, Mrs Barbara D Ellis, wife of Cdr William E Ellis, USN, & Miss Suzanne Decker. Burial Arlington National Cemetery, Washington, DC 21 Apr with family requesting in lieu of flowers, contributions be made to Norfolk, Va Cancer Society.

DYER—Died USNH, Bethesda, Md 10 Apr Capt Harrill S Dyer, (ChC), USN-Ret, 67, who gave up a promising pitching career with the Cleveland Indians to enter the Methodist ministry. Survived by his widow, Mrs Louise R Dyer, 10713 Weymouth St, Garrett Park, Md; one daughter, Mrs Margaret D Furnival; two sons, William C & James Dyer; two grandchildren; and his mother, Mrs Wilhelmina F Dyer. Burial Arlington aNtional Cemetery.

LODGE—Died Doctors Hospital, Washington, DC 17 Apr Mr Thomas E Lodge, father of 1st Lt William G S Lodge, USAF. Burial Arlington National Cemetery.

McCUNIFF—Died Rochester, Minn 3 Apr Brig Gen Dennis E McCunniff, USA-Ret, 70. Survived by his widow, Mrs Helen T McCunniff, 510 Holly St, Denver, Colo; one son, Maj Thomas G McCunniff, West Point, NY; two daughters, Mrs Edward C Meyer, Ft Leavenworth, Kans, & Mrs George Hartnell, Bryan, Tex; and ten grandchildren.

MILLS—Died Walter Reed GH, Washington, DC 16 Apr, of complications following cancer surgery, Lt Col Morris H Mills, USAF-Ret, 51. Suvived by his widow, Mrs Mary Mills, 8000 Kerry Ln, Chevy Chase, Md; and one daughter, Miss Kay Mills, a student at Pennsylvania State University. Burial Arlington National Cemetery.

MOON—Died in Florida recently Mrs Jessie Ross Moon, widow of Chaplain Faye Arnold Moon, USA. Survived by three children, Mrs Edwin E Adrin, wife of Colonel Adrin, USAF-Ret, 180 Walnut St, Montclair, NJ, Mrs Walter Sternberg, Coral Gables, Fla, & Robert B Moon, Woodland Hills, Calif; grandchildren, one of whom is Capt E E Adrin, jr, USAF, MIT, Cambridge, Mass; and great-grandchildren. Burial 18 Apr Arlington National Cemetery, Washington, DC.

O'CONNELL—Died Walter Reed GH, Washington, DC 10 Apr Col George Albert O'Connell, MC, USA-Ret, 76. Survived by his widow, Mrs Lollie G O'Connell, 1311 Glenwood Ter, Anniston, Ala; two daughters, Miss Julia M O'Connell, Post Librarian, Ft McPherson, Ga, & Mrs Samuel W Horner, II, wife of Colonel Horner, USA, Alexandria, Va; three sons, Lt Col John B O'Connell, USA-Ret, Anniston, Capt G A O'Connell, jr, USN, Alexandria, Va, & Maj Thomas C L O'Connell, USA, Ft Myer, Va; and seven grandchildren. Burial Highland Cemetery, Anniston.

ORD—Died Walter Reed GH, Washington, DC 15 Apr Maj Gen James Garesche Ord, USA-Ret (USMA '09), 73. Survived by his widow, Mrs Irene W Ord, 3325 Rowland Pl, NW, Washington, DC; and three children, James G, jr, Marian & Edward O C Ord. Burial Arlington National Cemetery.

PATE—Died Atlanta, Ga 25 Mar Mrs Frances Nichol Pate, wife of Col J B Pate, USA-Ret; also survived by one daughter, Mrs Rosalyn P Beck, wife of Brig Gen Thomas H Beck, USA; one son, Maj J B Pate, jr, USA; two granddaughters, Brenda F Beck & Gina S Pate; one brother, Col I J Nichol, USA-Ret, 110 Rantoul Cir, San Leandro, Calif; three nieces, Mrs Anne N Kern, wife of Col W B Kern, USA, Mrs Frances N Blancke, Franfurt, Germany, & Mrs Virginia N Haynes, wife of Cdr Philip L Haynes, USN-Ret; and two nephews, Mr F G Nichol, Dallas, & Mr G H Nichol, Palos Verde Estates, Calif. Burial National Cemetery, Marietta, Ga.

PERRY—Died Walter Reed GH, Washington, DC 10 Apr Brig Gen Basil Harrison Perry, USA-Ret. Survived by his widow, Mrs Lila Perry, Columbia, SC; and two sons, Maj Daniel Perry & Capt Harrison Perry. Burial Columbia.

SEABROOK—Died Charleston SC recently Lt Col George W Seabrook, III, USA-Ret, 37, veteran of WWII in the Pacific and of Korea. Survived by his widow, Mrs Phyllis F Seabrook, 17 Moore Dr, Charleston; one son, George Seabrook, IV; two daughters, Cynthia & Susan Seabrook; his parents, Mr & Mrs G W Seabrook, jr, Charleston; and one sister, Mrs William E Fowler. Burial Arlington National Cemetery, Washington, DC 8 April.

SHEA—Died Oakland, Calif 8 Apr Col George Henry Shea, Cav, USA-Ret, 74, veteran of the Cuban Pacification, the Mexican Border campaign, WWI, and WWII. Survived by his widow, Mrs Margaret G Shea, Carmel, Calif; one daughter, Mrs Audrey S Franklin, La Jolla, Calif; two sons, Col Leonard C Shea, (USMA '36), SHAPE, APO 55, NY, & Lt Col Gerald H Shea, USA, 18 Faith Ln, Ft Rucker, Ala. Burial Golden Gate National Cemetery, San Francisco.

SHERWOD—Died 10 Apr Lt William F Sherwood, USN.

SULLIVAN—Died 11 Apr Lt (jg) John E Sullivan, USNR.

WALSH—Died USNH, St Albans, LI, NY 15 Apr Capt Jonn A Walsh, DC, USN-Ret. Survived by his widow, Mrs Odette Walsh, Waterford, Conn; one son, Cdr John A Walsh, USN, captain of the submarine, Entemedor; one daughter, Mrs Charles Veysey; and seven grandchildren.

WATTS — Died recently, Mrs Julia Scott Watts, 82, widow of RAdm William Carleton Watts, USN. Survived by one daughter, Mrs Ernest B Tracy, jr, of New York; two granchildren; and four great-grandchildren. Burial Arlington National Cemetery, Washington, DC.

WREN—Died 3 Apr Cdr Hubert F Wren, USCG-Ret. Survived by his widow, Mrs Therese O Wren, 1508 Oak Ave, Evanston, Ill.

Most "20-10's Are Non-Rated

Non-rated officers will form the bulk of those Reservists thus far scheduled for retirement through Fiscal Year '61 under the Air Force's "20-10" plan.

All will have completed 20 years' service at the time of retirement, with at least 10 years active commissioned service.

The following is a breakdown of those who have so far been scheduled for retirement under the program.

	col.	lt.col.	maj.	capt.	lt.	total
pilot	10	75	288	247		620
other rated		7	53	61		121
other	41	214	696	760	2	1713
total	51	296	1037	1068	2	2454

Begin Plant Expansion For Continental Electronics

Ling-Altec Electronics, Inc. has announced a $500,000 plant expansion and remodeling program for one of its Dallas subsidiaries, Continental Electronics Manufacturing Company, which will start within 30 days. Additional plans also are now being prepared to increase by 70,000 to 100,000 square feet Continental's production facilities at a cost of up to $1,000,000.

James J. Ling, chairman of the board of Ling-Altec, and James O. Weldon, Continental president, said that the completion of the $1,000,000 program will coincide with the production requirements of developmental contracts now in progress for the defense program.

Mr. Ling said the expansion at Continental is in line with the projected increase in Ling-Altec sales to approximately $75 million in 1960. This reflects an increase of about 56% over sales of $48 million for 1959. Continental produces super power transmission equipment for radar, sonar and communications.

Martin Pershing Contract To Texas Instruments

Texas Instruments Inc., has been awarded a follow-on contract by the Martin Company, Orlando, Fla., for the production by the Apparatus division of signal conditioning subsystems for the U. S. Army's Pershing missile. The contract calls for delivery of over 300 modules beginning this month.

An essential part of the Pershing's telemetry system, the TI signal conditioners process incoming transducers signals (signals that contain information about the missile's performance and operating environment) into standard output voltages. This information is then transmitted to ground stations for analysis.

Navy Orders

From page 21—

Landreth, William L, NAS NORIS SDIEGO; to AIRANTISUBRON 37.
Lee, Charles E (SC), NAS NORIS SDIEGO; to NAS ATSUGI.
Lichtermann, Richard T (SC), NAVSTA ARRENTIA; to ASO PHILA.
Lightner, Thomas A L (SC), NAS PNCLA; to NAVSTA ARGENTIA.
Long, John J (SC), FAIRJAPAN; to ONM NAVDEPT.
Martin, Jay W (SC), JSTAFF USCINCEUR; to OFC OF COMPT OF NAVY NAVDEPT.
Metzger, Ernest W (CHC), USS HANCOCK; to NAS ALAMEDA.
Ney, Robert J, CO PATRON 50; to ANTI SUBDEFPAC.
Rainey, Benajah L (SC), MCAS KANEOHE BAY; to NAVORDSUPOFC MECH.
Redavid, Louis F (SC), USS NEREUS; to NAS LAKEHURST.
Sattler, James A, NAVSTA KODIAK; to NAS BARPT.
Scambos, Thomas T, NATESTFAC (SHIP INSTL) NAS LAKEHURST; to CARAIR GRU 14.
Scott, Clayton M, jr, CARAEWRON 12; to TACGRU ONE.
Scott, John A (SC), NAVORDSUPOFC MECH; to ONM NAVDEPT.
Smith, Alan E (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to NAVSTA NAVB NPT.
Smith, Frank W, jr (SC), BSNAVSHIPYD; to NSD YOKOSUKA.
Spence, Reynold P (SC), 5ND; to 8ND.
Tabeling, Roy H, jr, FAIRHAWAII; to NA TESTCEN PAXRIV.
Welch, Niles T (CHC), NAVSTA SUBIC BAY; to NAS PNCLA.
Whitcher, Lamar D (SC), NAS JAX; to USS INDEPENDENCE.
White, Ernest C (SC), NSD YOKOSUKA; to GENSTOSUPOFC PHILA.
Wilhelm, Carl L (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to NAS JAX.
Alexander, Perry C (DC), NAVDENTAL SCOL NATNAVMEDCEN BETHESDA; to USS GRAND CANYON.
Anderson, Scott K (SC), NSC PEARL; to BUSANDA.
Brandenburg, Martha O (NC), MAAG TAIWAN TAIPEI; to NAS QUONPT.
Compton, Raymond F, SIXTHFLT; to FLD COMD DASA SANDIAB ALBQ.
Conrad, Francis M, CARDIV FIVE; to FLE HURRICANE FCSTFAC MIAMI.
Coppedge, Thomas N, OPTEVFOR; to USS LENAWEE.
Davis, Celia M (NC), NAS QUONPT; to NAVHOSP KWEST.
Deane, Donald C, JSTAFF CINCPAC; to USFORJAPAN.
D'Vincent, Richard C (DC), USS HAMUL; to NAVADMINCOM NTC SDIEGO.
Egan, Anne M (NC), NAVHOSP CAMLEJ; to NAVHOSP NAVB GTMO.
Fisher, Ralph L, AEWLANT; to CONAD ENT AFB.
Gallagher, Edward F, BUWEPS; to USS TICONDEROGA.
Garrett, John H, jr (SC), NAS GTMO; to BUSANDA.
Goudie, Gene, CO FITRON 91; to FITRON 124.
Griffin, Wallace S, NAS WILLOW GROVE; to 11ND.
Hayden, Ralph H, jr (SC), SEVENTHFLT; to NAS ALAMEDA.
Hurst, Thomas C, 3d, SUBFLOT TWO; to JSTAFF CINCLANT.
Kenney, Paul, NAS ALAMEDA; to NAS LOS ALAMITOS LBEACH.
Kiernan, William A, USS RANDOLPH; to BUPERS.
May, William R (SC), NAS NORIS SDIEGO; to ASO PHILA.
Mukhallan, Zaven, CO USS AMMEN; to HD DEPT OF NAV SCIENCE USMERMAR ACADEMY KINGS PT.
North, William J (SC), NAS ATSUGI; to BUWEPS.
Oakley, Robert D, jr, NAVCICSCOL NAS GLYNCO; to CARDIV 19.
Peddicord, Gerald E, USS INDEPENDENCE; to NAVAIRLANT.
Peterson, George W, jr (SC), MSTS WASH DC; to MSTSLANTAREA.
Reilly, Alice R (NC), NAVHOSP NATNAV MEDCEN BETHESDA; to NAVHOSP CAMLEJ.
Roberts, Charles C, jr, CO USS INGRAHAM; to STAFF SACEUR.
Small, James D, OFC OF SUPSHIP NEWPORT NEWS SHIPBLDG AND DRYDOCK CO; to GEORGE WASHINGTON UNIV WASHDC DUINS.
Sneary, Earl D (CHC) NAS ALAMEDA; to USS HANCOCK.
Teevan, Charles L, USNAVPGSCOL MONTEREY DUINS; to MADAEC GERMANTOWN.
Westdahl, Robert L (SC), OPNAV; to NSC PEARL.
Whitworth, Billis L, CO NAVMARCORES TRACEN FORT SCHUYLER BRONX; to NAVSTA RODMAN.
Williams, Richard A (SC), NSC NORVA; to ASO PHILA.
Wolf, Argyle M (SC), NAS LOS ALAMITOS LBEACH; to 5ND.
Bates, Sheldon S, COMD AND STAFFCOL AIRUNIV USAF MAXWELL AFB DU INS; to BUPERS.
Bliss, George L, jr, BUWEPS; to USS CURRITUCK.
Johnson, Hugh C, BATRAGRU SEVEN NAS MFS; to BATRAGRU SEVEN NAAS KINGSVILLE.
Kittrell, James R, BUPERS; to ALUSNA KARACHI.
McEwan, Archibald J, NAS CUBI PT SUBIC BAY; to THE JSTAFFOFC JCS WASHDC.
Newman, Lawrence W, NAS MIRAMAR; to CARDIV FIVE.
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Roach, Walter, jr, CO BATRAGRU SEVEN NAS MFS; CO BATRAGRU SEVEN NAAS KINGSVILLE.
Routzahn, Milton M, NAD CONCORD; to 17ND.
Sherman, Vining A, USS MACON; to HED SUPPACT YOKOSUKA.
Van Lier, Ribbink, Edvard F, AFSC NOR VA DUINS; to CONAD ENT AFB.
Wharton, Claude A, jr, OPNAV; to USS VALLEY FORGE.
Barron, William B, jr, HATRON TWO; to CO HATRON TWO.
Beauchamp, Ernest M, OPNAV; to NATO DEFCOL PARIS DUINS.
Beaudoin, Jerome W, HELANTISUBRON; to CO Same Ron.
Berry, Louis S, OSD WASHDC; to NAS NEW YORK FLOYD BENNETT FLD BKLYN.
Bridwell, Paul W, 4ND; to NAVADMINSTRATOR AND CO NAVPERS NAVADMINU SAIPAN DIST.
Byrnside, Benjamin C, jr, OPNAV; to J-STAFF CINCPAC.
Caughey, Donald R, (CHC), COLUMGRU; to UNION THEOLOGICAL SEMINARY NYK DUINS.
Dorie, William M, NAS NEW YORK FLOYD BENNETT FLD; to NARESTRACOM NAS GLEN.
Downing, Jerome G, NAS LOS ALAMITOS; to NARESTRACOM NAS GLEN.
Grafton, Warren C, TRAPAC; to USS TACONIC.
Hodgson, Gerald L, (DC), NAVHOSP IN THE USS HAVEN; to USS HAMUEL.
Hoke, Leonard A, jr, FAIRJAX; to CO TRARON 26 NAAS CHASEFLD.
Horner, Spencer W, jr, ONM NAVDEPT; to BREMGRU.
Hughes, John W, NROTCU STANFORD UNIV; to USS SIERRA.
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Kinsella, James F, SP ASST FOR NAVSECGRU MATTERS CINCLANTFLT AND HD NAVSECGRULANT; to 9ND.
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Petty, Robert M, MILCOMMELCTBD WASHDC; to CO NAVCOMFAC LONDON.
Rinker, Jacob A, jr, FLEANTISUB WARFARESCOL SDIEGO; to MSTSO HONOLULU OAHU.
Rosen, Ralph J, USS SARATOGA; to TRARON 25 CHASEFLD.
Rood, George H, USNAVMIS TO DOMINICAN REPUBLIC CIUDAD TRUJILLO; to CO USS HERMITAGE.
Rutherford, Francis C, (SC), NAVWARCOL NPT DUINS; to SEVENTHFLT.
Sharp, E Jackson, NARTU NAS MFS; to CO NAVMARCORESTRACEN KNOXVILLE.
Shaw, Wesley R, NAS OLATHE; to NAS LOS ALAMITOS LBEACH.
Stevenson, James E, BUWEPS; to USS SARATOGA.
Taylor, George P, NAVSECGRUACTY KAMI SEYA; to 12ND.
Toulon, Ygnacio T, III, NAAS KINGSVILLE; TRARON 27 NAAS NEW IBERIA.
Walker, Franklin E, NAS SO WEYMOUTH; to NARTU NAS ANACOSTIA WASHDC.
Batcheller, James H, jr, USS BRYCE CANYON; to NAND SEAL BEACH.
Biederach, Herbert E, AFSC NORVA DUINS; to OPNAV.
Bitting, James T, CARDIV ONE; to CO AIRANTISUBRON 29.
Clack, Bryce L, HELANTISUBRON 11; to CO Same Ron.
Duhon, Willis P, FLESONARSCHOL KWEST; to ASST ALUSNA PARIS.
Erb, Leonard, OFC OF ASST DIR FOR NAVREACTORS DIVREACTOR DEV AEC WASHDC DUINS; to NAVGMSSCOL FAIRDEFTRACEN DAM NECK VABEACH TEMINS.
Golden, William A, NAVWARCOL NPT DUINS; to OFC OF UNSECNAV NAVDEPT.
Harkins, John A, AIRANTISUBRON 31; to CO AIRANTISUBRON 28.
Hazelton, Dewitt W, USS ESSEX; to CO AIRANTISUBRON 25.
Hild, Daniel R, FLEACTY SASEBO; to SERVSCOL NTC GLAKES.
Keller, Harry B, ONR NAVDEPT; to NAVINSURV NAVSTA WASHDC.
Kobey, Albert L, jr, JSTAFF USCINCEUR; to FLETRAGRU SDIEGO.

—Continued on next page

2d Class Travel Is Aim Of Budget

From first page—

tend down into the field commands wherever commanders are assigned "heavy" passenger cars.

Contents of the two directives have not been spelled out in full detail, but Budget Bureau officials have discussed the main objectives with the Andrews House Appropriations Subcommittee.

Budget Director Maurice H. Stans said the directive "on the use of limousine and heavy passenger cars" was "approximately ready to be issued" early in March, but, at that time, he was waiting for President Eisenhower to return to Washington "to go over it with him." Approval is still pending.

He said the "circular or letter or directive"—it may be issued as an Executive Order—will limit the use of limousines "strictly according to the provisions of the law." This could mean tighter controls on the use of Government vehicles after official office hours.

Discussing the proposed travel regulation revisions before the Appropriations group, Deputy Budget Director Elmer B. Staats said "Several very difficult problems are involved in developing a regulation which will require use of less than first-class accommodations on scheduled airlines," but the Bureau hopes to iron them out and get the directive approved "in the near future."

He said "some consideration must be given to situations where lower class accommodations would involve time schedules which would not meet work requirements of the traveler or his commitments in meeting persons on his itinerary or which would subject him to unreasonable hardships such as frequent landings, slow schedules, or arrival at destination at extremely inconvenient times."

Mr. Staats said the Defense Department was consulted about the change, and that after a first-draft, "several specific problems were indentified," and the regulation was redrafted.

Details of the final directives will be published in THE JOURNAL when they are issued.

Navy Orders

From preceding page—

Malick, Edgar E, BUWEPS; to PATRON 46.
Maupin, Owen L, BUWEPS; to CARDIV 19.
McGhee, James H, PATRON 18; to THE JSTAFF OFC JCS WASHDC.
Miller, John D, (SC), OFC OF COMPT OF NAVY; to USNAVPGSCOL MONTEREY DUINS.
MURPHY, Walter A, jr, NAS NRLNS; to CARDIV SEVEN.
Montgomery, John A, PATRON 56; to CO Same Ron.
Nelson, James A, HATRON THREE; to STAFF CINCNORTH.
Padget, Paul E, BUWEPS; to USS KEARSARGE.
Pitcher, William A, ARLANGSCOL PRESIDIO OF MONTEREY DUINS; to NAVCEC MAAG TAIWAN TSOYING.
Raddatz, Robert W, HELANTISUBRON FIVE; to CO Same Ron.
Rex, Daniel F, OIC NAVWEARSCHFAC NAS NORVA; to STAFF CINCLANTFLT.
Robinson, Frederick G, SEVENTHFLT; to OIC FLEWEAFAC NAS NORIS SDIEGO.
Savadkin, Lawrence, COMSUBDIV 42; to OSD WASHDC.
Seiberlich, Carl J, AIRANTISUBRON 36; to CO AIRANTISUBRON 26.
Stevenson, James E, BUWEPS; to USS SARATOGA.
Sparks, Samuel A, AIRANTISUBRON 39; to CO AIRANTISUBRON 34.
Valencia, Eugene A, AWFITRON THREE; to CONAD ENT AFB.
Wilde, Norman W W, AIRANTISUBRON 32; to CO Same Ron.

LIEUTENANT COMMANDERS

Becker, Harold J R, FASRON 117; to NAS WPNFAC KIRTLAND AFB.
Blair, Carvel H, CO USS TROUT; to ONR BROFC LONDON.
Bodle, Harold D (CHC), USS GALVESTON; to NAVWPNCEN NORVA.

—Continued on next page

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WANTED

Manuals, regulations, books, documents, etc. pertaining to U. S. Army before 1900. Describe items and price. Major Richard Johnson, 9535 Terrace Place, Annandale, Virginia.

Navy Orders

From preceding page—

Brady, Julian H, FASRON 102; to NAS NEW YORK FLOYD BENNETT FLD BKLYN.
Brewer, William E, jr, USNAVPGSCOL MONTEREY DUINS; to USS BON HOMME RICHARD.
Brown, Charles H, PACMISSILERANGE PT MUGU; to NAVAIRPAC.
Bruck, Thomas J, SUBRON FOUR; to CO USS QUEENFISH.
Crites, Jack O, 14 ND TEM; to NAVEXAM CEN NTCGLakes.
Desmet, Emil R, CRUITSTA NYK; to OIC CRUITSTA NYK.
Digiusto, Louis, jr, NAS GROSSE ILE; to NAS NEW YORK FLOYD BENNETT FLD BKLYN.
Duvall, Richard A, NASWPNFAC KIRTLAND AFB; to JSTAFF CINCPAC.
Ernst, Werner G, NASS WHITING FLD MILTON; to USS CORAL SEA.
Finlay, Douglas J, NARTU NAS NORVA; to NARESTRACOM AS GLEN.
Gillis, Charles L (SC), NAF MONTEREY; to USS THETIS BAY.
Graham, Frank W, CO USS ATULE; to OFC OF ASST DIR FOR NAVREACTORS DIVREACTORDEV AEC WASHDC DUINS.
Hessom Robert C, ATKRON 126 DET ONE; to TUFTS UNIV MEDFORD DUINS.
Hinchcliff, Lester G, jr, CO USS IMPERVIOUS; to OIC CRUITSTA SFRAN.
Howell, Joe P, jr, NROTC UNIV OF SC; to USS INTREPID.
Ikenberry, Esthel D K (DC), NAVDENTAL INS; to MARCORCRUITDEP PARRIS IS.
SCOL NATNAVMEDCEN BETHESDA DU
Jones, John F (SC) SPCC MECH; to NAV SEC MAAG PAKISTAN KARACHI.
Krieger, Earl R, USS ATULE; to CO USS TRUTTA.
Lewis, William L (SC), USS LOS ANGELES; to NAVORDSUPOFF MECH.
Lynch, James P (DC), NAVDENTAL CLINIC NAVB PHILA; to USS INTREPID.
Merinar, Amos L, 12 ND; to NAVPHIBSCOL NAVPHIBASE SDIEGO.
Mohlenhoff, William, CALIF INST OF TECH PASADENA DUINS; to PACPROJDIV OP TEVFOR STAFF SDIEGO.
Montgomery, Wendell E (DC), NAVDENT ALSCOL NATNAVMEDCEN BETHESDA DUINS; to USS LAKE CHAMPLAIN.
Moro, Albert J, OFC OF BUWEPSREP MC DONALD AIRCORP STL; to FITRON 111.
Most, John A (MC), MAAG 26; to NAVHOSP CHELSEA.
Powell, J Paul, FLEWEACEN SUITLAND; to USS LAKE CHAMPLAIN.
Prehn, John L, jr (SC), NAS PORT LYAUTEY KENITRA; to USNAVPGSCOL MONTEREY DUINS.
Ratliff, John H, USS MULLINNIX; to OP TEVFOR.
Riley, Jack, NROTCU UNIV OF MICH; to USS SALISBURY SOUND.
Robertson, Chaytor L, CARDIV FIVE; to OIC CRUITSTA INDPLS.
Smith, Frederick W, HATRON EIGHT; to AMERICAN UNIV WASHDC DUINS.
Stensrud, John D, DESDIV 92 TEM; to USS ALFRED A CUNNINGHAM.
Woodworth, Fred I, jr (SC), USS KAWISWIWI; to USNAVPGSCOL MONTEREY DUINS.
Zeni Levio E, NAVWARCOL NPT DUINS; to TUFTS UNIV MEDFORD DUINS.
Backstrom, Robert I, CO USS LIPAN; to USNAVPGSCOL MONTEREY DUINS.
Bartosh, Andrew J (DC), NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to NAS MFS.

X-15 Pilot At ABMA

SCOTT CROSSFIELD (right), of North American Aviation Corp., who is Chief Test Pilot of the X-15 rocket-powered research airplane and Harrison Storms, Vice-president of North American, were guests of the Army Ordnance Missile Command at a technical meeting 14 April. ABMA is an element of the Missile Command.

On 19 April NASA test Pilot Joe Walker flew the X-15 at more than 50,000 feet at a speed "a little better than Mach 2" through a low altitude pattern to determine stability and control. It was Mr. Walker's second flight in the plane.

Bell, John H, CO AIRANTISUBRON 29; to NAS NRLNS.
Borgstrom, Roy, jr, NAS OAK; to NAS MPLS.
Brannon, John W, jr, ATKRON 195; to ATKRON 125.
Carlson, Theodore E (DC), NAVDENTAL SCOL NATNAVMEDCEN BETHESDA DUINS; to AVSUBASE NLON.
COHEN, Robert (DC); NAVDETALSCOL NATNAVMEDCEN BETHESDA DUINS; to USNA ANNA.
Crandall, Jack C. CO USS GATLING; USS HARWOOD.
Davy, Arthur L (DC) NAVDENTALSCOL NATNAVMEDCEN BETHESDA DUINS; to MARCARCRUITDEP PARRIS IS.
Dente, Eugene, NAVTRADEVCEN PORT WASHINGTON; to USNAVPGSCOL MONTEREY DUINS.
Dunbar, John P, NAS BARPT; to JAGSCOL CHARLOTTESVILLE DUINS.
Earhart, Hugh L, NAF NAPLES; to BU WEPS.
Egan, John F (MC), SAINT CHARLES HOSP BKLYN DUINS; to NAVHOSP MFS.
Farwell, Jack M, FASRON 102; to NAF NAPLES.
Fehrs, Harold E, NAS LOS ALAMITOS; to NARTU NAS MFS.
Felchner, William E H, NAS ANACOSTIA WASHDC; to PATRON 26.
Geel, Alan J, USNAVPGSCOL MONTEREY DUINS; to USS KEARSARGE.
Grantham, Delbert D, CO USS HISSEM; to RENSSELAER POLYTECHNIC INSTITUTE TROY DUINS.
Hall, James F, STAFF CINCPACFLT; to USNAGVPSCOL MONTEREY DUINS.

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INDUSTRY IN DEFENSE

Preflight Checkout In Thirty Seconds With Republic's Solar-Powered System

Solar Aircraft Company is producing gas turbine-powered generator sets for a new electronic preflight checkout system developed by Republic Aviation Corporation, it is announced by France Q. Wilson, Solar manager of turbomachinery sales.

The electronic system, dubbed RAD FAC (Radiating Facility for Aircraft Flight Line Testing), permits Air Force fighter pilots to give their planes a complete electronic checkout in 90 seconds without moving from the cockpit.

Republic designed the system for use with its F-105 jet fighter, but it may be modified for use with other aircraft.

Upon a signal from the pilot, via a remote control unit, RADFAC runs an electronic check over the jet's communication, identification and navigation systems. It advises the pilot, verbally or by tone signals, whether the systems are in good working order. If anything is amiss, it pinpoints the trouble.

Solar's generator set and controls supply current for the unit or monitor the current supply when an outside source is used.

The RADFAC system with its gas turbine power supply is mounted in a trailer weighing 4,400 pounds, completely outfitted and occupying 247 cubic feet. It replaces a large array of equipment usually required to check these systems in military aircraft. The trailer can be transported by air.

Manned Space Lab By 1965 Is Proposed By Martin Engineers Before LA Symposium

THREE Martin Company engineers have proposed that the U. S. orbit a permanent space laboratory, capable of carrying four to six men, by 1965.

The project was described as a "technically feasible second generation space vehicle" which would provide a necessary step from the MERCURY astronaut program and the Air Force DYNA SOAR project to the more ambitious space vehicles of the future.

The space lab proposal was outlined in a paper presented by three engineers of Martin's Baltimore Division at a Los Angeles symposium sponsored by the Institute of the Aeronautical Sciences, The RAND Corporation, and the National Aeronautics and Space Administration. It was presented by John W. Dorsey on behalf of his co-authors, Michael Stoiko and Gerald G. Kayten.

Mr. Dorsey said a pre-assembled, 16-ton laboratory capable of carrying four to six men could be boosted into a year-long orbit by a vehicle of NASA's three-stage SATURN class. He said the lab could be placed in a 400-mile orbital altitude where it would avoid hazardous radiation effects of higher altitudes.

In addition, Mr. Dorsey said the lab could be operated without any provisions for rotation in space (for artificial gravity), and without any need for an as-yet-unproven ecological system for life support. Personnel in the lab, he said, would not require elaborate space suits and could live and perform their duties in a "shirt-sleeve" environment.

He said lab crews would operate the station for two to four weeks at a time and be replaced by other crews sent up in rendezvous vehicles.

The lab was described as a double shell, three-compartment cylinder with convex end domes. The outer shell, made of beryllium, would serve as a meteoroidal bumper and thermal shield. The inner wall, made of 5456 aluminum alloy, would serve as the vehicle load-carrying component and sealed cabin pressurized container.

Mr. Dorsey said the space lab concept is based entirely upon currently known technology and is not predicated on any propulsion, guidance or materials breakthroughs.

Martin engineers at the Symposium also revealed plans for an inflatable manned satellite, which would look like a .45 caliber bullet during the vehicle's launching phase.

After the station is placed into orbit, the inflatable vehicle and its equipment would expand in two directions from a metal canister, with the canister then becoming a rigid center section connecting the satellite's two inflated space cabins.

Chance Vought Will Fit Ship For Missile And Space Vehicle Tracking In Pacific

Chance Vought's Range Systems Division has been awarded a Navy contract for instrumentation of the nation's first vessel to be assigned to the 70,000,000 square-mile Pacific Missile Range.

The ship, "mothballed" in an East Coast port, has been moved to the Ingalls Shipbuilding Corporation's yards at Pascagoula, Miss. When conversion is completed more than a year from now, the S. S. Skidmore Victory will take its place on the waters of the missile range, stretching from the West Coast of the United States to Australia, some 11,000 miles away.

The vessel will provide a complete missile and space vehicle tracking facility with a capability not unlike that of Cape Canaveral, company spokesmen said. At the same time it will provide complete mobility since the ship can be stationed at any point in the ocean areas of the world.

Sam Perry, manager of the Dallas-based Vought division, said the $2,000,000, contract calls for complete shipboard instrumentation systems. He said equipment systems to be installed include telemetry, tracking, data transmission, navigation, timing, aerology, communications, radio command and surveillance. Part of the equipment, he said, will be government furnished; other systems will be contracted for by the division.

When the renovation and instrumentation is completed, the vessel designated AG(PMR), will have a complement of 89 men, including 17 officers, a crew of 42 men and 30 electronic specialists.

The instrumentation program follows closely other work that Vought's Range Systems Division has accomplished for the Pacific Missile Range. In May, 1959, the division activated a multi-system instrumentation site on Kauai Island, Hawaii. In March of 1958, the division took over the operation and maintenance of the theodolite, radar and telemeter facilities at the Air Force Space Positioning Range in El Centro, Calif. On the East Coast, Range Systems Division has contracted with the U. S. Air Force to launch, track and control its Mach 2 KD2U-1 target drone in connection with the Bomarc Test Program.

USNA Grad Joins Firm

Appointment of William Blandy as manager of manufacturing of Hitemp Wires, Inc., has been announced by Walter J. Merck, executive vice president. Hitemp is a producer of high temperature insulated wires and cables with manufacturing plants in Westbury, N. Y. and Monrovia, Calif.

Mr. Blandy is a graduate of the U. S. Naval Academy, class of 1947. Following graduation, he served for six years with the Navy.

Hoffman Building New Science Center

Hoffman Electronics Corporation has begun construction of a new Science Center in Santa Barbara, Calif., as another step in its concentration on proprietary product development.

A 15,000 square foot building—located on a 10-acre site atop TV Hill, one of the highest points in Santa Barbara—is scheduled for completion in July, it was announced by H. Leslie Hoffman, president.

Since its establishment in Santa Barbara early in 1959, the Science Center has been in temporary quarters at 415 East Montecito Street. Directing its activities is Dr. Lloyd T. DeVore, a vice president of the parent corporation and also director of engineering in the company's Military Products Division.

Polaris Navigation Award To Sperry

Sperry Gyroscope Company has been awarded nearly $20,000,000 in a Navy contract covering navigation systems and field engineering for its Polaris Submarine Fleet.

The contract will put Sperry Marine Division systems in the navigation centers of all nine Polaris submarines now under contract and aboard two submarine tenders.

The cost of submarine navigation equipment in the Fleet Ballistic Missile program is an indication of its importance in undersea missile firings. Without accurate knowledge of where it is, and in what direction it is heading, the Polaris submarine cannot fire its missile.

Sperry's contract from the Navy totaled $19,685,291. It was divided almost equally with $8,817,022 of the total going for the design and manufacture of navigational systems and $10,868,269 for field engineering services. These include management of installation and alignment and the maintenance of the equipment.

Norair Div. Announces New Appointments

Appointment of Douglas T. Egbert and Wilbur A. Taylor to key aerospace marketing positions at Northrop's Norair Division has been announced by John R. Alison, Norair vice president of marketing.

Mr. Egbert has been named director of astronautics and research marketing. He will plan, institute and direct marketing programs for Norair's growing range of advanced astronautics and research activities.

Mr. Taylor has been appointed director of missile marketing. In this capacity, he will plan, develop and direct marketing activities for Norair's expanding ballistic missile and missile product programs.

Name Lt. Col. Couch To Sylvania Post

Appointment of Lt. Col. Richard W. Couch, USAR, as manager of the Systems Engineering and Management Operation of Sylvania Electronic Systems, a division of Sylvania Electric Products Inc., has been announced by Henry Lehne, a Senior Vice President of the company and General Manager of Sylvania Electronic Systems.

The newly established Operation, located at Needham, Mass., is responsible for obtaining, system engineering, and managing all large military systems contracts for Sylvania, a subsidiary of General Telephone & Electronics Corporation, and other GT&E subsidiaries.

A graduate of the U. S. Military Academy, Colonel Couch served as a communications officer with the Army Signal Corps, and as an infantry division signal officer in Europe and the Far East during World War II.

Colonel and Mrs. Couch and their children reside at 126 North Ave. Weston, Mass.

$12 Million Contract To Hallicrafters

A $12,000,000 Air Force contract, calling for production of electronic countermeasure equipment designed to disrupt hostile radar and missile guidance systems, has been awarded to The Hallicrafters Company, Chicago electronics firm.

The equipment will be used on the Strategic Air Command's B-52 bomber being produced by Boeing Wichita.

Robert F. Halligan, executive vice-president of Hallicrafters, announced that the contract was awarded by the Aeronautical Systems Center, Air Materiel Command, Dayton, Ohio. The contract will be administered by the Chicago Air Procurement District, commanded by Col. Donald G. Wright.

Mr. Halligan indicated that Hallicrafters is also participating in various Air Force QRC (Quick Reaction Capability) contracts to provide electronic defense systems for military aircraft and missiles.

Army Places Order For 22 Caribou

The Canadian Commercial Corporation, Ottawa, Canada, has received from the U. S. Army a letter contract for the production of 22 Caribou transport aircraft by deHavilland Aircraft, Downsview, Ontario, Canada. The CCC is an agency through which the United States military procures services and supplies from sources in Canada.

Delivery of the airframes is scheduled to begin in January, 1961.

Engines, propellers and other accessories will be procured from various manufacturers under separate contract. It is anticipated that the total cost of the 22 aircraft will be approximately $14,500,000.

The Army's largest fixed-wing aircraft, the Caribou has a range of approximately 200 miles with three tons of cargo or 24 fully-equipped combat troops. It has a 182 mile per hour cruising speed and can fly at speeds as low as 70 miles per hour. A large rear ramp-type door eases loading and unloading of troops or cargo. The cargo door may be opened in flight to airdrop paratroopers or supplies. An ambulance version of the aircraft will take 14 standard Army litters with 12 seats for sit-up patients or attendants.

The Caribou can operate from short unprepared fields or hastily improvised battle area landing strips, making the aircraft a natural for economical battlefield hauls beyond optimum helicopter range.

USAA Reduces Premium Rates In Great Britain

The United Services Automobile Association of San Antonio, Tex., which began writing automobile insurance for eligible members located in Great Britain on 1 January, has now announced substantially reduced premium rates for automobile insurance in this area, Col. Charles E. Cheever, USA-Ret., President of the Association, announces.

The underwriting affairs of the Association are handled direct with the officer-members by correspondence with the home office in San Antonio, but requests for immediate liability insurance coverage can be taken care of by J. H. Minet & Co. (Home) Ltd., through their office at 26 Grosvenor Street, London, W.1., Telephone Mayfair 5742.

Ex-Marine Joins General Tire

James P. Connolly has been promoted manager of passenger tire sales for The General Tire & Rubber Company's Boston sales division. He is a veteran of 3½ years service with the U. S. Marine Corps,, rising from a private to first lieutenant. Mr. Connolly resides at 41 Harlan Drive, Brockton, Mass.

Cols. Keeling, Graham, Mattia Will Head AMC's New Contract Management Regions

GENERAL S. E. Anderson, Commander, Air Materiel Command, has announced the commanders for the three new contract management regions in the United States.

They are: Col. Gerald F. Keeling, Air Force Plant Representative at North American Aviation Corporation, Los Angeles; Col. Donald W. Graham, Director, Tactical and Support Systems, Aeronautical Systems Center, Wright-Patterson AFB, Ohio; and Col. Hugh J. Mattia, Director of Procurement and Production, San Antonio Air Materiel Area, Tex.

These officers will assume their commands when the new organizations are activated after 30 June. Colonel Keeling will command the western region at Mira Loma, Calif.; Colonel Graham will be in charge of the central region at Wright-Patterson AFB; and Colonel Mattia will command the eastern region at Middletown Air Materiel Area near Harrisburg, Pa.

These locations will be headquarters in the new Air Force management concept, reporting directly to Headquarters, Air Materiel Command.

Formerly, air procurement districts and Air Force plant representatives coordinated their requests, decisions and suggestions through air materiel areas, which in many cases were physically remote to needs of the requesting person or organization.

About 200 persons will be assigned to each contract management regional office.

The contract management mission of the region is to provide management in the area contract administration. This includes contract surveillance, production, industrial property control, flight test, readjustment, quality control, transportation, accounting and finance, legal and inspection functions relating to the Air Force and contracts issued by other Governmental agencies.

Air procurement districts will maintain their prime responsibility of administration of contracts initiated by the Air Force and other Governmental agencies, and will continue to be based in their present locations. The district at the Dayton location will function as before. The basic change is that this office as well as the 19 other APDs will report to the regions rather than to the AMAs.

Sec'y Gates Wins Management Honor

Secretary of Defense Thomas S. Gates, jr. has been presented The National Merit Award of the Armed Forces Management Association. The award is given annually . . . "to the individual who has made the greatest contribution to the improvement of management in the Armed Forces" during the past year.

Presentation of the award was made by AFMA President, Assistant Secretary of the Army (Financial Management), George H. Roderick, at the Association's National Awards Banquet 20 April in Atlanta, Ga.

Other award winners honored at the same meeting include: Col. William C. Howell, Comptroller Third U. S. Army, the National Achievement Award given to the member who has made the greatest overall contribution to the work of AFMA, and J. Lewis Powell, Office of Secretary Defense, the National Literary Award for the member making the outstanding literary contribution.

Honorary Life Memberships were presented to three individuals for special recognition of services to the Association: VAdm. Edward E. Clexton, Chief of Navy Material, Maj. Gen. H. D. Ives, Chief of Staff Third U. S. Army, and Col. James L. Tarr, Director of Administrative Services, Department of the Air Force.

The Outstanding Chapter Award plaque was won by the Atlanta Chapter of the Armed Forces Management Association. Col. Robert H. Shell of the Third Army staff and chapter president, accepted the award. Second in the competition was the Mohawk Chapter located at Griffiss AFB, N. Y. and Great Lakes-Chicago Chapter, Ninth Naval District Headquarters, Great Lakes, Ill., who tied for this honor.

Retired Pay Bill

From first page—

those already on the retired rolls "will not contribute unreasonably" to the growing retirement pay costs. By 1980, the Committee said, the additional cost of the legislation will be less than $10 million annually.

No date has yet been set for a House vote on the pay bill.

In sending it to the floor, however, the Armed Services Committee noted that "State after State has passed resolutions memorializing the Congress to restore the traditional concept based upon existing pay scales," and that the measure has the strong endorsement of the American Legion, Jewish War Veterans, Retired Officers Association, the U. S. Chamber of Commerce, the Navy League, the Reserve Officers Association, and many individual retired officers.

Also, the Committee said, "more than 40 Members of the House of Representatives have introduced bills," to permit pay recomputation.

Col. Melville's D. C. Home

Col. Phillips Melville, USAF-Ret., pioneer pilot and artist, who executed the oil painting of the historic sinking of the "Ostfriesland," resides at 3917 Massachusetts Avenue northwest, Washington, D. C. The address given in THE JOURNAL'S story of 9 April was incorrect.

ON THE LINE:
TRAINERS FOR A MACH 2 NAVY

With ever a watchful eye on the taxpayer's dollar, the Navy is quick to utilize any system that will save training time, costs, accidents. Such a system is the 500 mph T2J Buckeye jet trainer, designed and built by the Columbus Division of North American Aviation.

From primary training right up through carrier indoctrination—that is the philosophy and concept of the T2J. By combining multiple training stages "under one roof," the T2J produces pilots for Mach 2 combat planes in the same time as it took to train them for the 360 mph fighters of World War II.

Sophisticated planning makes the T2J a favorite with ground crews as well as with the men who fly her. Related consoles and systems are located on the same side of the fuselage for easy trouble-shooting—AC systems on one side, and DC on the other. Components are shelf-mounted for instant interchangeability, and engine exchanges can be accomplished in less than 30 minutes.

An outstanding safety feature of the T2J is its rocket-catapulted escape system which functions regardless of speed or altitude, and which has already saved lives in the service.

As an aircraft of diverse talents, the T2J "all-in-one" trainer was expressly conceived to support the prime factor in Naval air power for years to come: the manned weapons system

THE COLUMBUS DIVISION OF NORTH AMERICAN AVIATION, INC.
Columbus, Ohio

Charges Of Favoritism To Naval Academy Graduates Stirs Official Reply By CNO

From first page—

"We cite the example of several Lieutenant Commanders in this and other Fighter Squadrons. Excellent aviators, graduates of the P. G. schools, takers of correspondence courses, dedicated Naval Officers with excellent records. Are they receiving the expected recognition for years of diligent intellectual attainment? They are not. These Officers were all passed over for promotion to Commander. Why? No one knows for sure. But one thing is very obvious. Naval Academy LCDR's were promoted without exception.

"Do something to stop the glaring discrimination shown by selection boards against non-Academy people and you will certainly encourage young officers to educate themselves for a full Navy career."

In response to this and other charges, Admiral Arleigh Burke has issued a message to all officers in which he analyzes officer selection procedures.

"Promotion planning for officers of the unrestricted Line makes no distinction with respect to source," the Admiral stresses. "No guidance is provided the selection board as to the relative numbers of surface Line or Aviation Line officers to be selected. In other words, all unrestricted Line officers in a particular promotion zone are considered as a group—with equal promotional opportunity."

The Navy Chief conceded that "there is no system which will insure the selection of the very best people. There is even no way of measuring accurately the many factors which go into making up the qualifications for Naval officers."

Despite the shortcomings of the system, the Admiral said: "We try, over the years, to get a judgment on people by fitness reports. These fitness reports are a measure, but they, too, are not without error. They are made by men, men who have human frailties, men whose judgments are not always alike."

The CNO explained that because the fitness reports can't be put into a machine to obtain the answers, the Navy adopted the selection board system several generations ago. "There is no duty in the Navy that is more important or more heartbreaking than that of sitting on a selection board," he said. "I have never known an officer who sat on a selection board who did not feel the tremendous responsibility which rests on his shoulders."

In making choices for advancement, Admiral Burke said the boards, to the "very best of their ability, try to select officers to the next higher grade who will be of the greatest benefit to their country and to their Navy."

He explained that when boards sit, members must think not only of promotion to the grade at issue, but "must also ask themselves if this man can be seriously considered for the next higher promotion after that. For surely if he is promoted at this point, he will be considered once again for the next grade, and board members must have this in mind when considering the total potential of a man. It is thus a most difficult task.

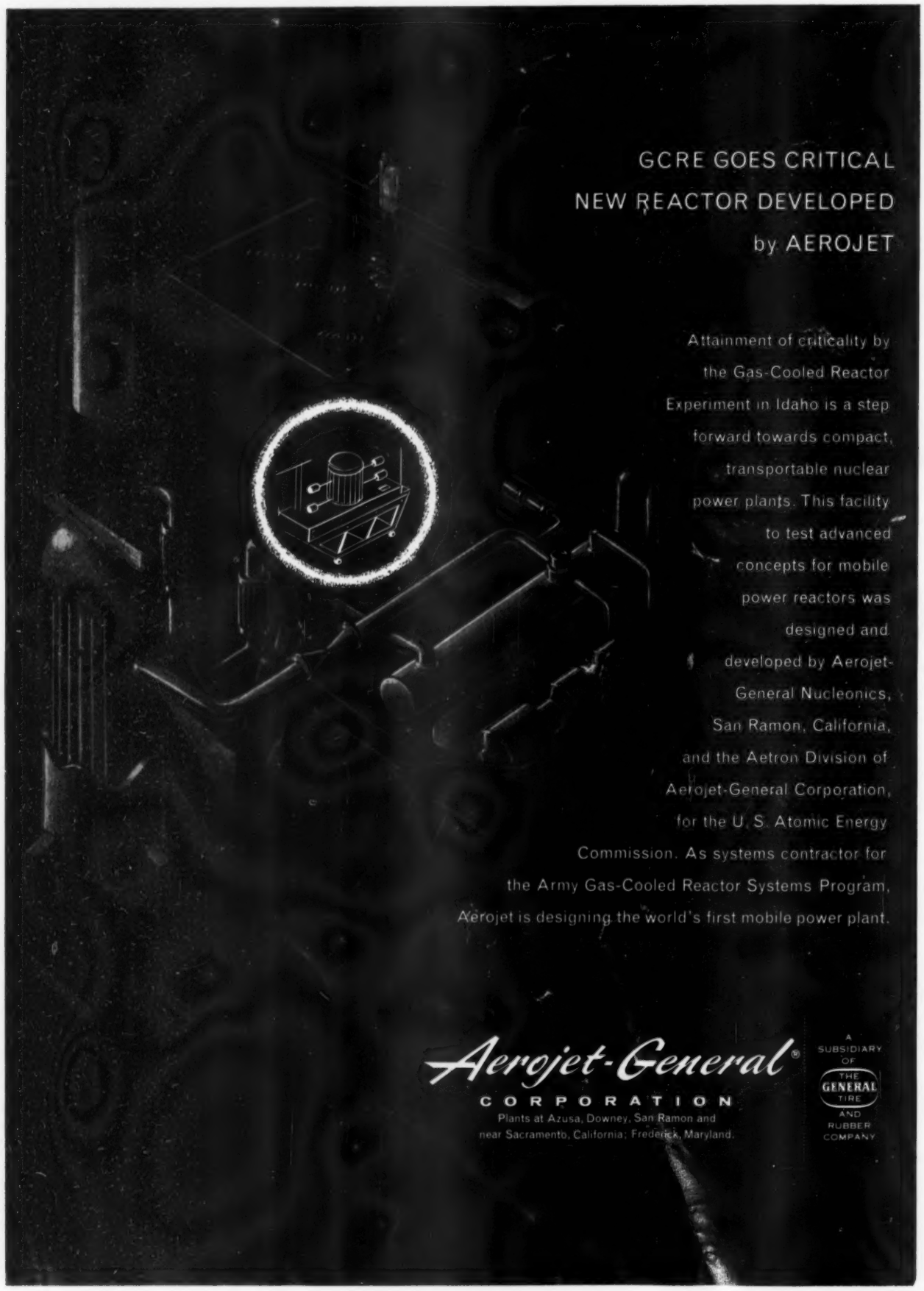
"The boards are necessarily severe," the CNO continued, "not in a cruel sense but in the sense that what they do must be for the good of the country and for the good of the Navy and not for the good of the individual. This point is often not understood for it represents part of the personal sacrifices which Naval officers accept in the service of their country."

The Navy Chief pointed out that selection boards are made up of officers senior to those under consideration and that they are carefully picked for this duty on the basis of their backgrounds and experience. At the same time, Admiral Burke said, senior officers are prohibited from sitting on the same board in successive years. He noted that the 1960 Line three-stripe board was made up of four Annapolis graduates and five non-Academy officers.

The CNO admitted that many officers with excellent records fail to make their number but stressed that "the thing to remember is that the needs of the Navy must come first and that the future of the Navy is dependent on having our future leaders be the best possible people with the best backgrounds and experience.

"It is necessary also that these outstanding individuals be raised to positions of command and control while in an appropriate age bracket. We cannot allow outstanding junior officers to stagnate. The 'hump' legislation enacted by Congress was born of necessity. It is an attempt to provide a reasonable promotion opportunity for these junior people—at the same time preventing an unacceptably harsh attrition among officers of the WWII group."

The Navy Chief asserted in conclusion: "The Navy will always have a need for intelligent, conscientious, and dedicated Naval officers—from whatever source such officers may have been commissioned."



First Missile Deputy

Col. Roger M. Crow, USAF, 15th Air Force Director of Operations, March AFB, Calif., will become deputy Commander of SAC's 1st Missile Division, Vandenberg AFB, Calif., in July.

Tower For Tyndall

The Greenhut Construction Company, Inc., of Pensacola, Florida has been awarded a contract amounting to $144,439.50 for constructing an incased control tower at Tyndall AFB, Fla.

Iran Chief Departs

Maj. Gen. Roy E. Lindquist, Chief, ARMISH-MAAG, will depart Iran 10 May for Washington, D. C., where he will be retired in June with 30 years service.

After spending the summer in Maine, General Lindquist plans to return to Washington, D. C. for residence.